

FIG.2A

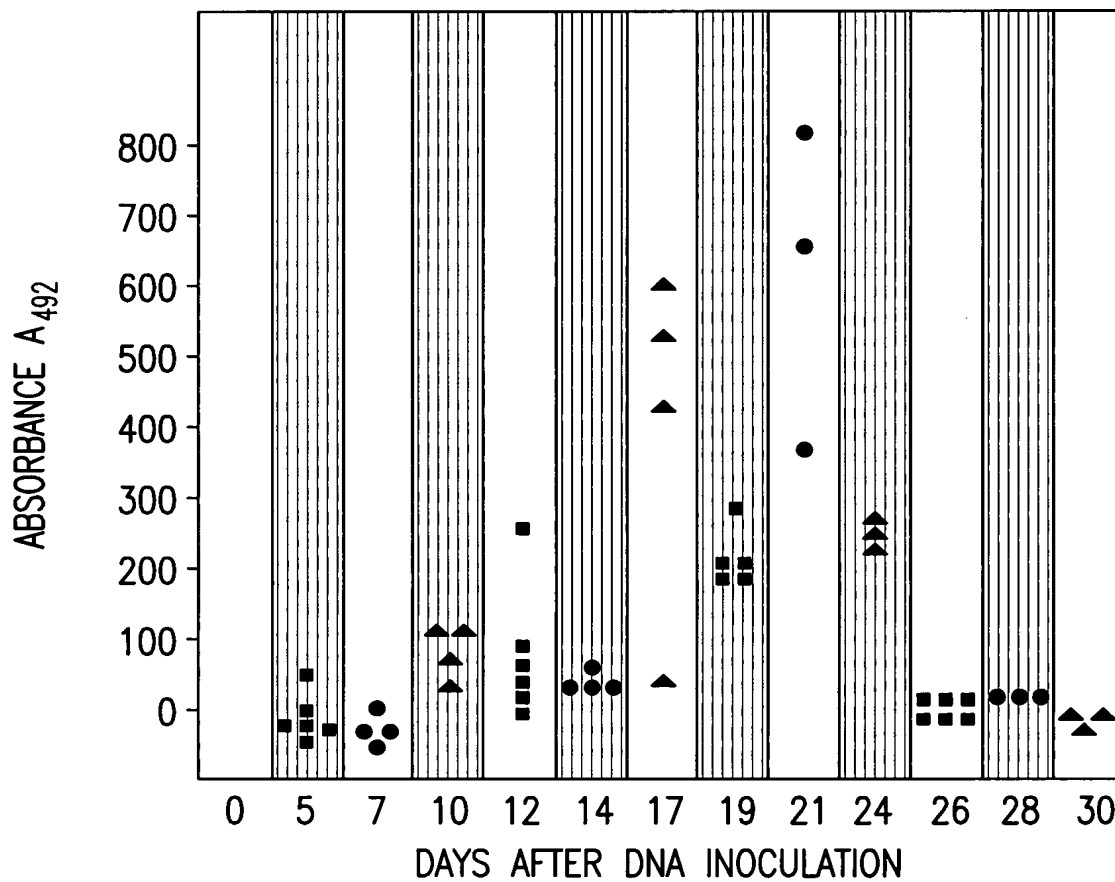


FIG.2B

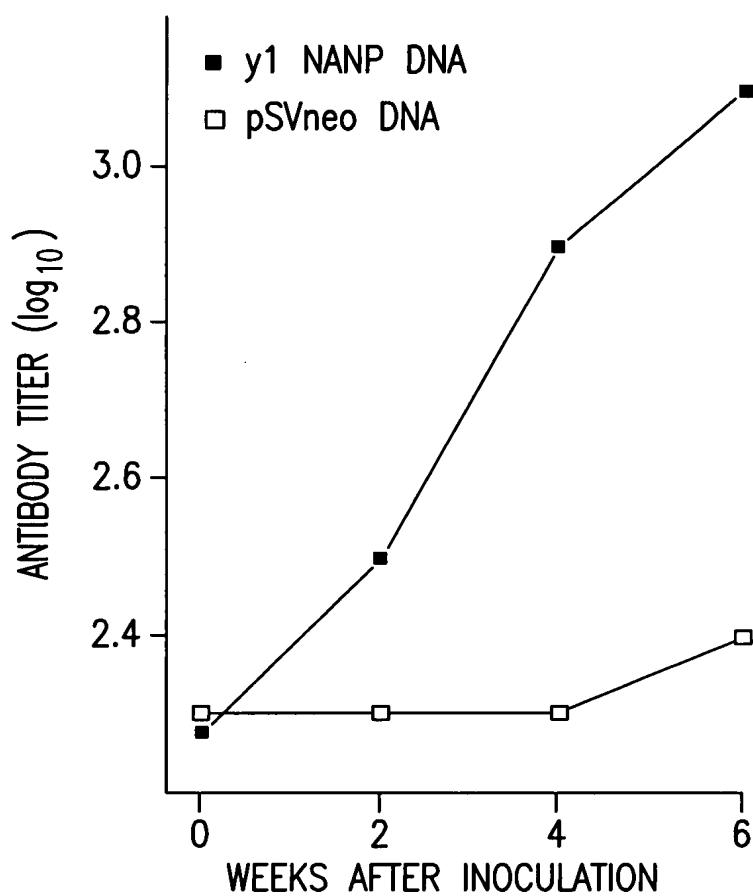


FIG.3

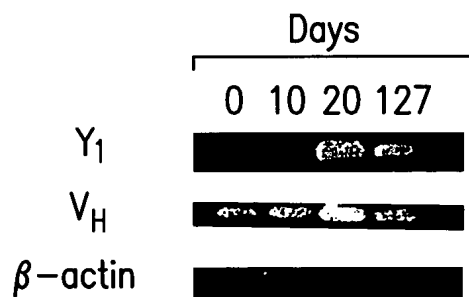


FIG.4A

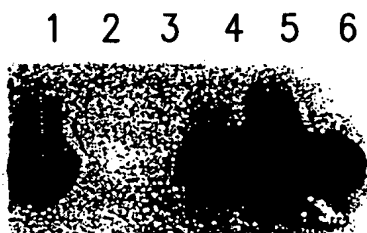


FIG.4B



FIG.4C



FR1									
γ1WT-TAC	GACGTGAAGC	TGGTGGAGTC	TGGGGGAGGC	TTAGTGAAGC	TTGGAGGGTC	CCTGAAACTC	TCCTGTGCAG	CCCTCTGGATT	CACCTTTCAGT
SP7	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP8	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP9	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP10	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP11	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP12	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR35	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR36	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR37	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR38	-----	-----	-----	-----	-----	-----	-----	-----	-----
FR2									
CDR1			CDR2						
γ1WT-TAC	AGGTATTACA	TGCTTTGGGT	TCGCCAGACT	CCAGAGAAGA	GGCTGGAGTT	GGTCGCAGCC	ATTAATAGTA	ATGGTGGTAG	CACCTACTAT
SP7	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP8	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP9	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP10	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP11	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP12	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR35	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR36	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR37	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR38	-----	-----	-----	-----	-----	-----	-----	-----	-----
FR3									
γ1WT-TAC	CCAGACACTG	TGAAGGGCCG	ATTCACCATC	TCCAGAGACA	ATGCCAAAAA	CACCCGTGTAC	CTGCAAAATGA	GCAGTCTGAA	GTCTGAGGAC
SP7	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP8	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP9	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP10	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP11	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP12	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR35	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR36	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR37	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR38	-----	-----	-----	-----	-----	-----	-----	-----	-----

FIG. 5A

	CDR3						FR4		
γ1WT-TAC	ACAGCCTTGT	ATTACTGTGC	AAGAAAGGTA	CCCTACTCTC	ATGGTATGGA	CTACTGGGGT	CAAGGAACCT	CAGTCACCGT	CTCCTCAGGT
SP7	-----T-----	-----	-----	-----	-----	-----	-----	-----	-----
SP8	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP9	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP10	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP11	-----	-----	-----	-----	-----	-----	-----	-----	-----
SP12	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR35	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR36	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR37	-----	-----	-----	-----	-----	-----	-----	-----	-----
TR38	-----	-----	-----	-----	-----	-----	-----	-----	-----
γ1WT-TAC	AAGAATGGCC	TCTCCAGGTC	TTTATTTTTA	ACCTTTGTGA	TGGAGTTTTC	TGAGCATTC	AG		
SP7	-----	-----	-----	-----	-----	-----	-----		
SP8	-----	-----	-----	-----	-----	-----	-----		
SP9	-----	-----	-----	-----	-----	-----	-----		
SP10	-----	-----	-----	-----	-----	-----	-----		
SP11	-----	-----	-----	-----	-----	-----	-----		
SP12	-----	-----	-----	-----	-----	-----	-----		
TR35	-----	-----	-----	-----	-----	-----	-----		
TR36	-----	-----	-----	-----	-----	-----	-----		
TR37	-----	-----	-----	-----	-----	-----	-----		
TR38	-----	-----	-----	-----	-----	-----	-----		

FIG. 5B

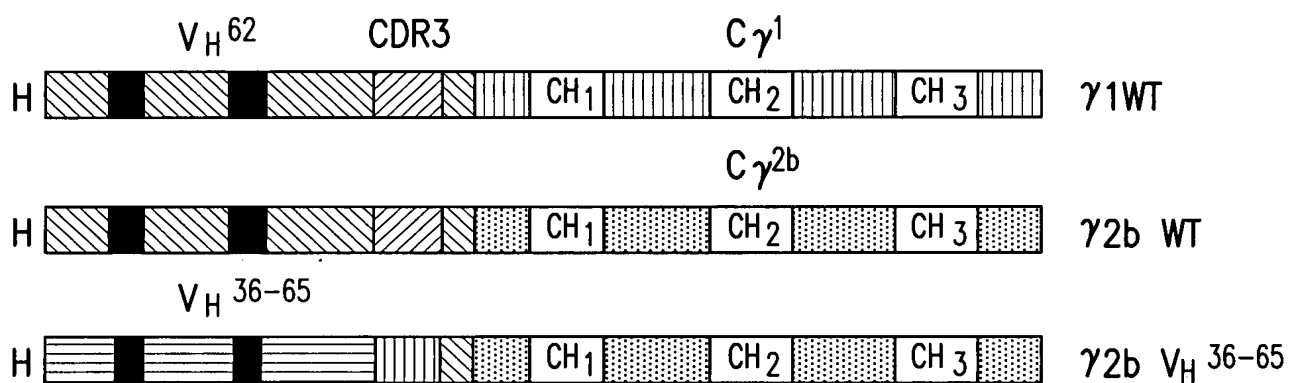


FIG.6A

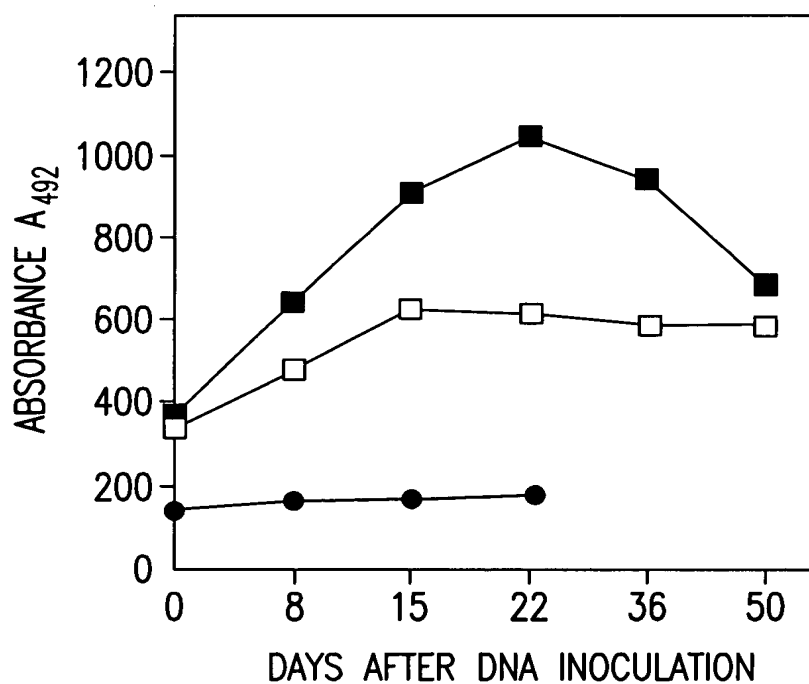


FIG.6B

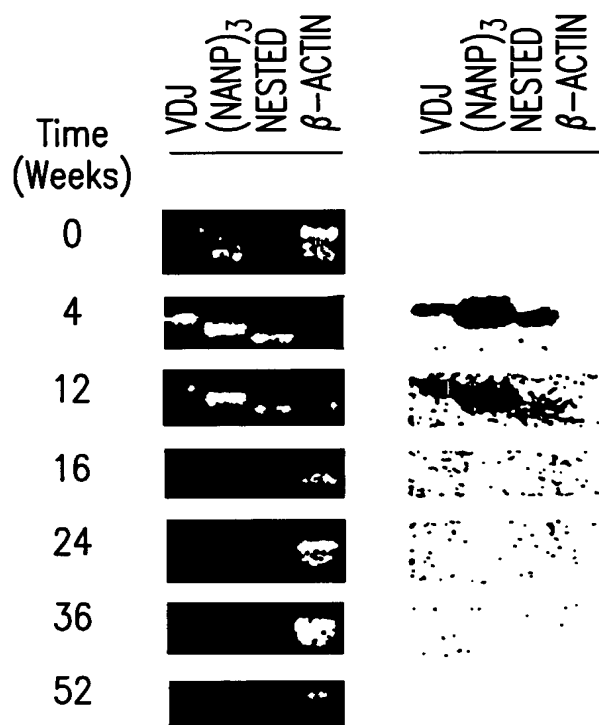


FIG.7A



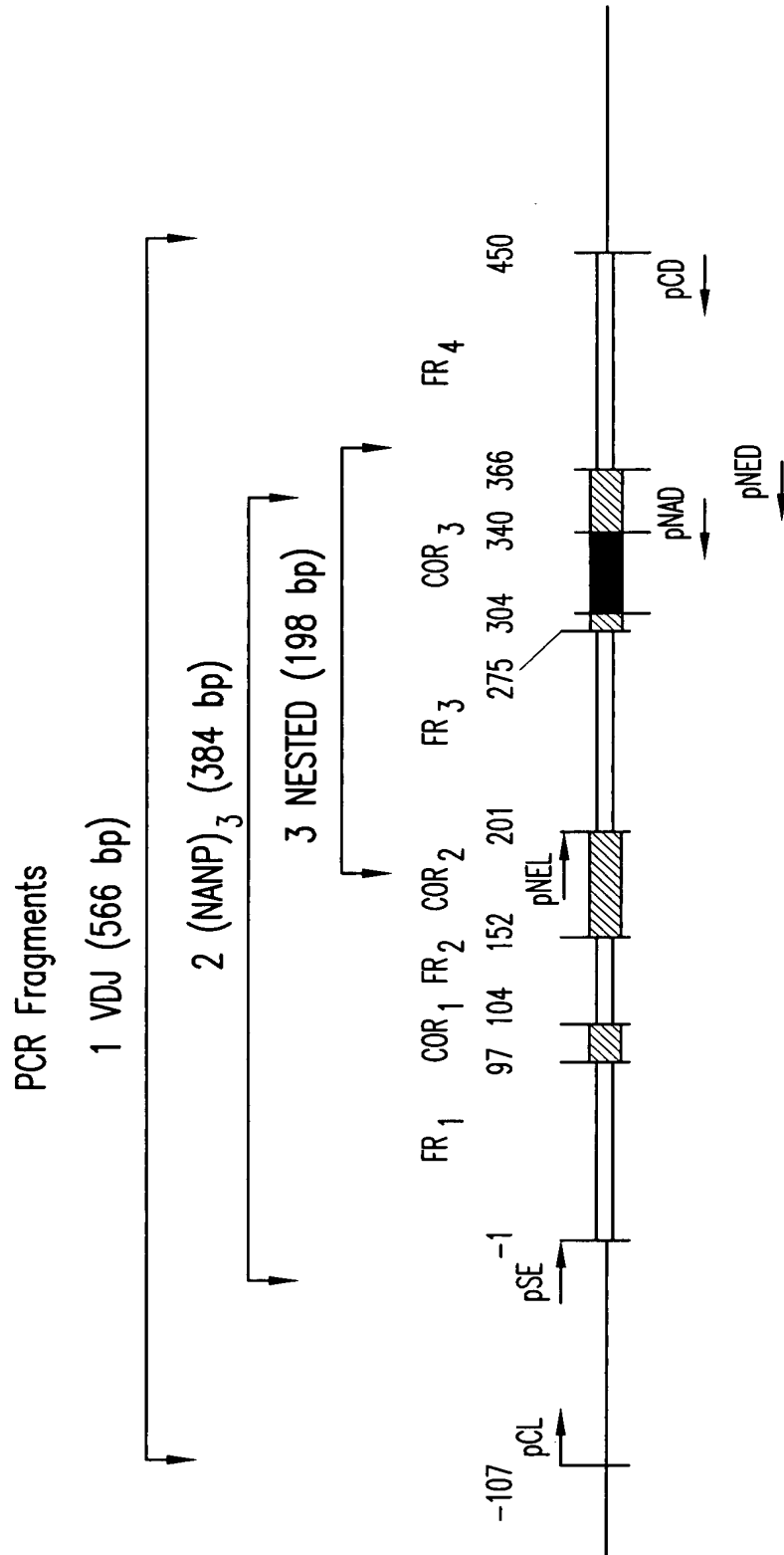


FIG.7B

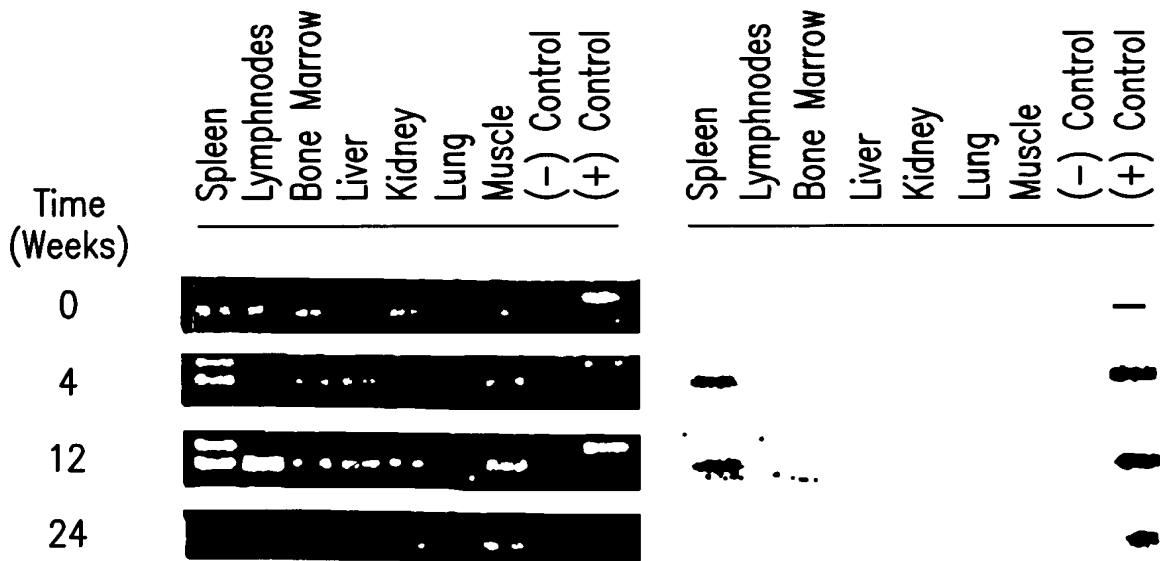


FIG.7C

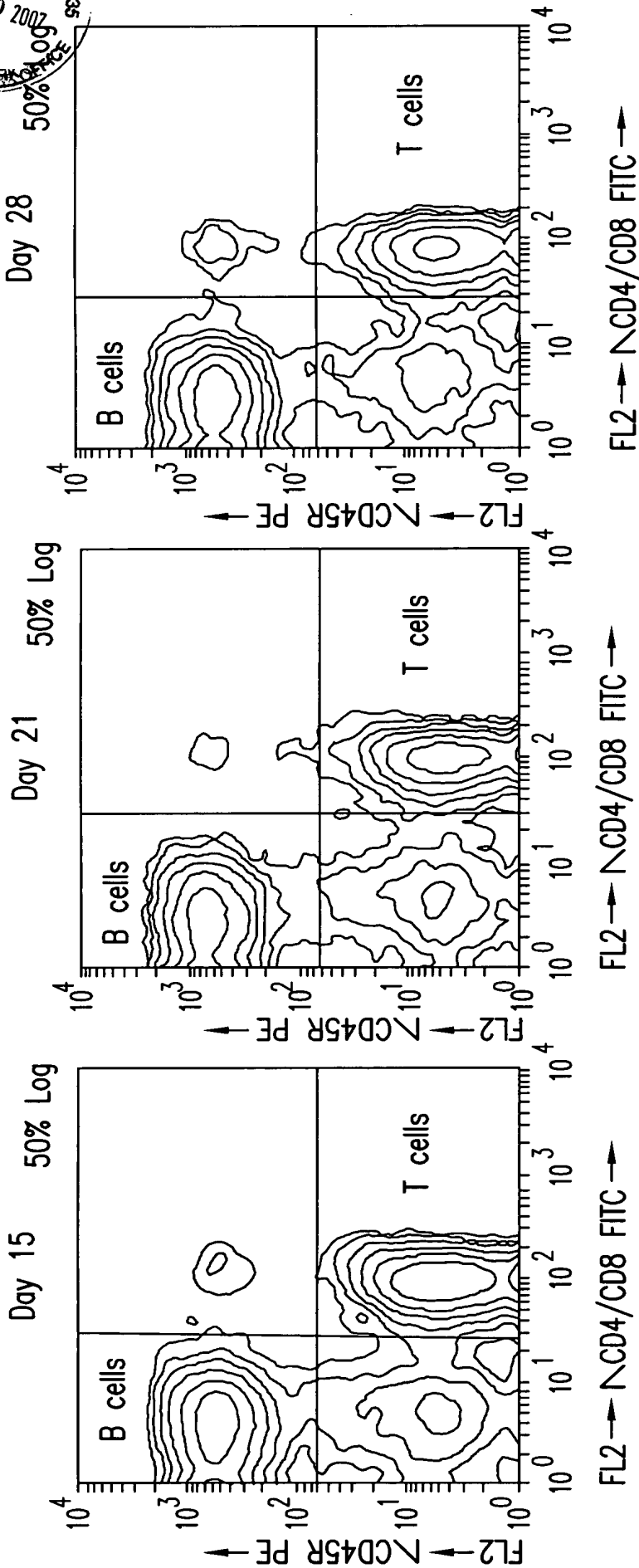


FIG. 8A

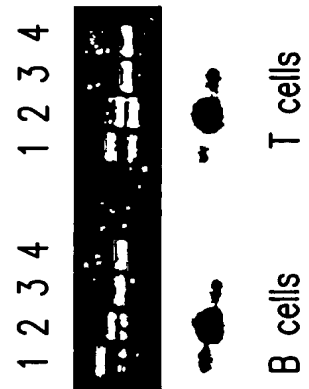
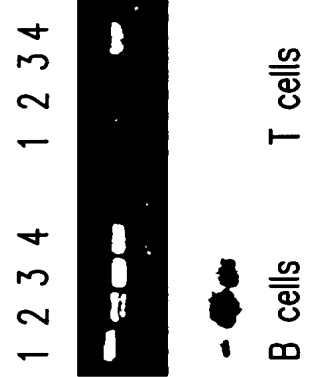
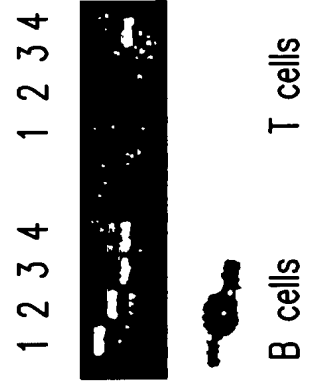


FIG. 8B

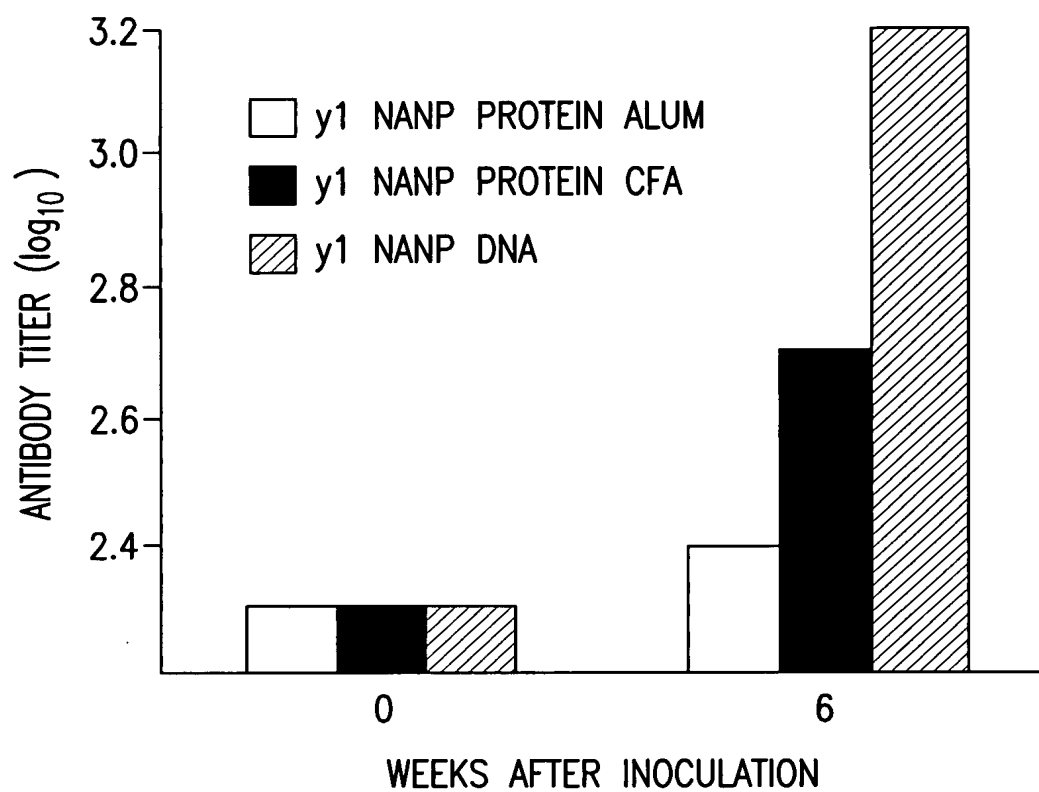
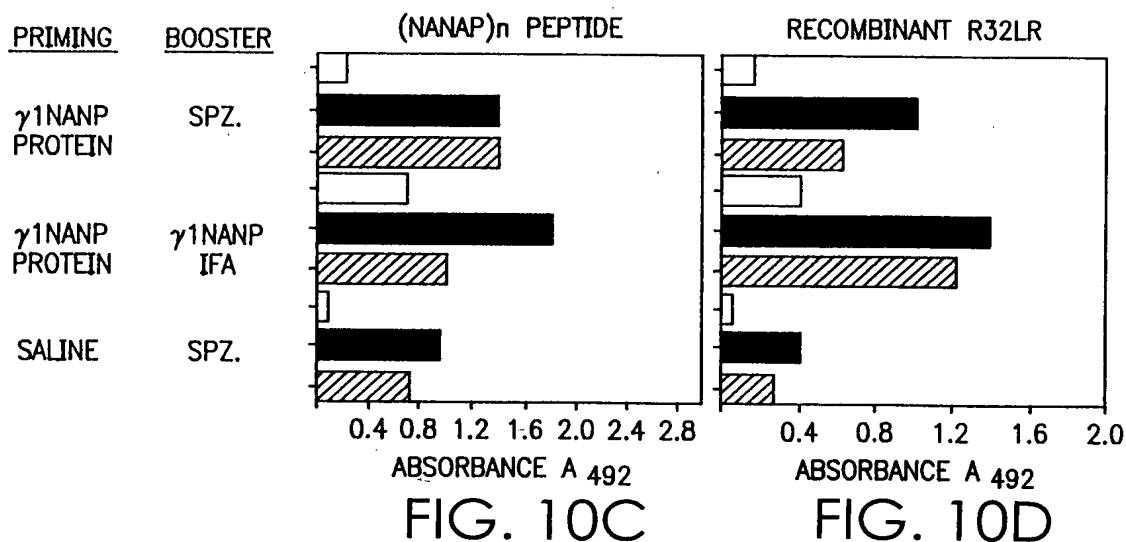
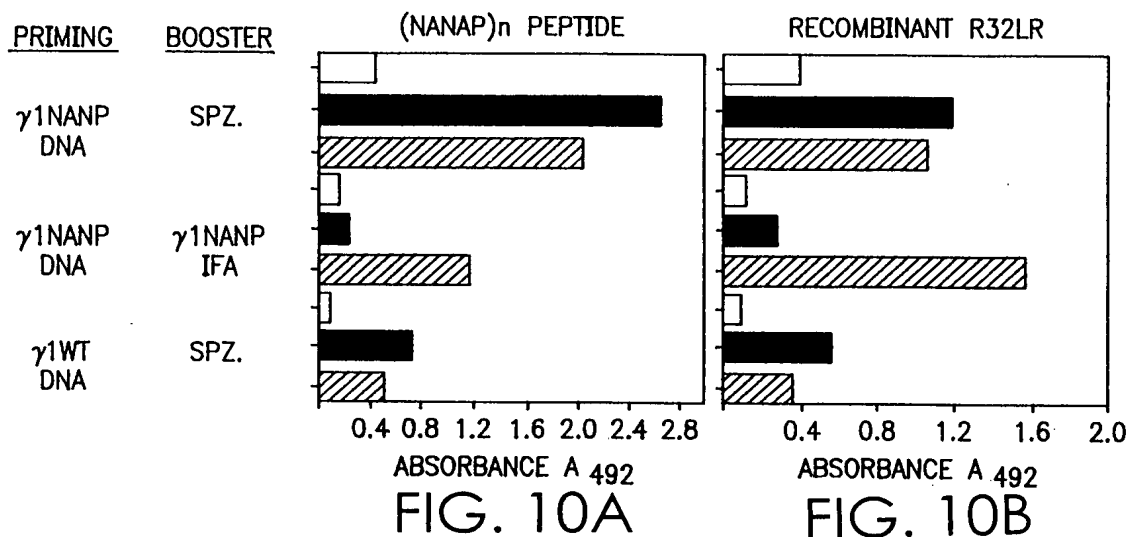


FIG.9



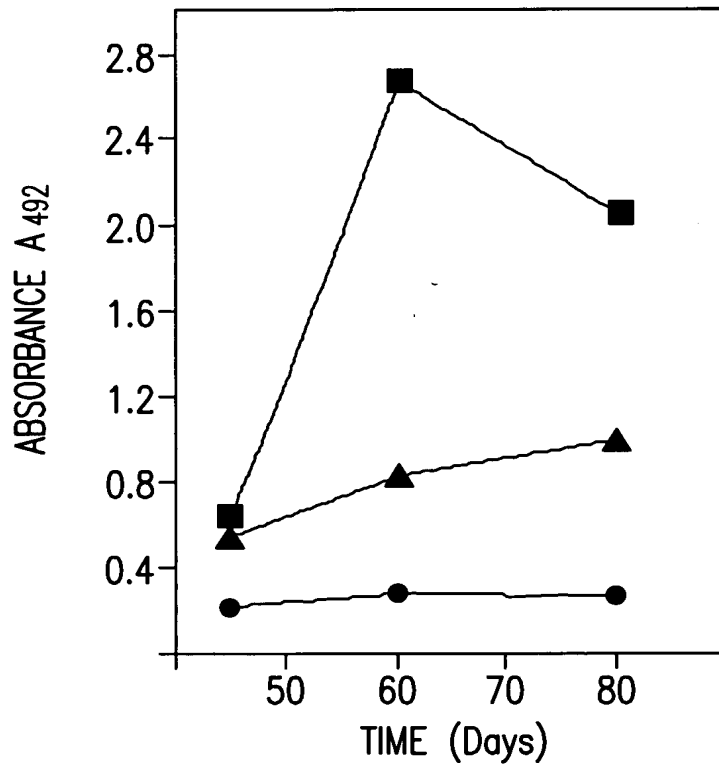


FIG. 11A

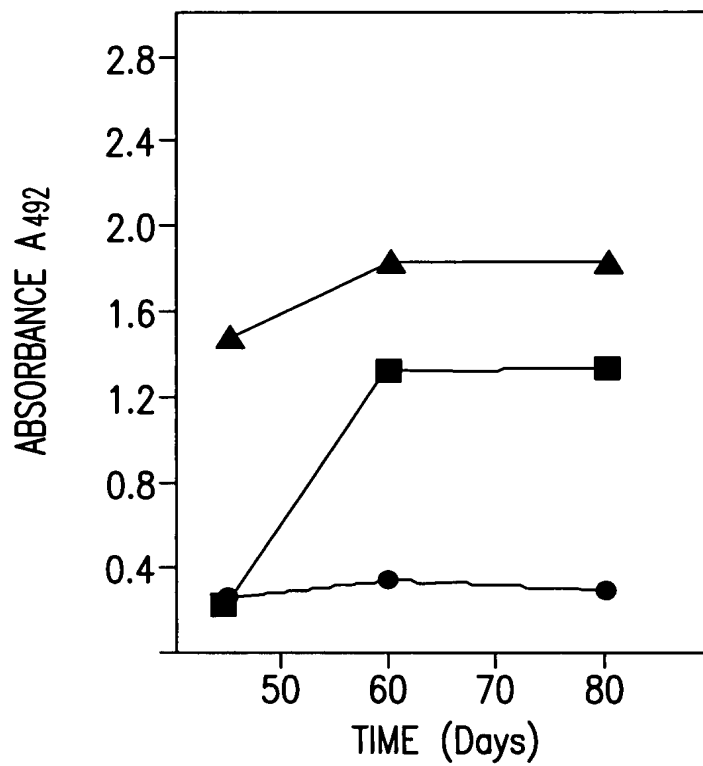


FIG. 11B

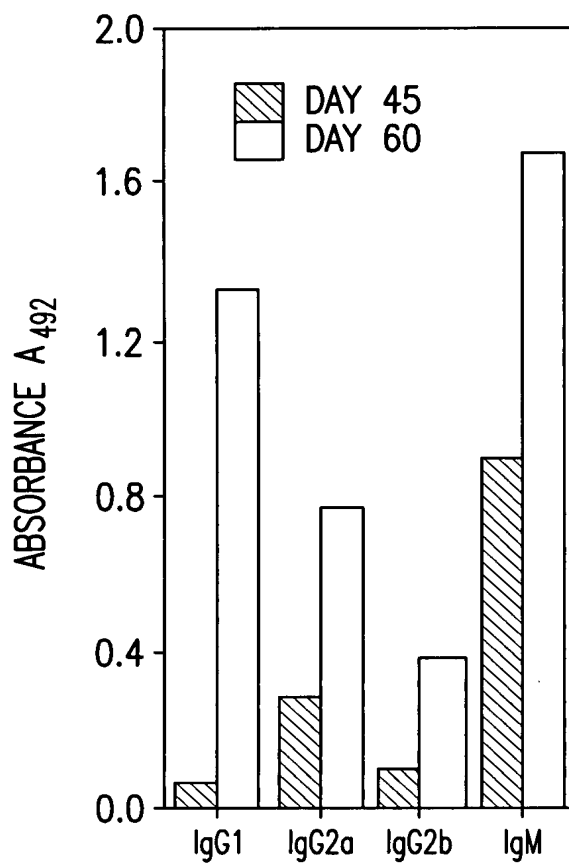


FIG. 12A

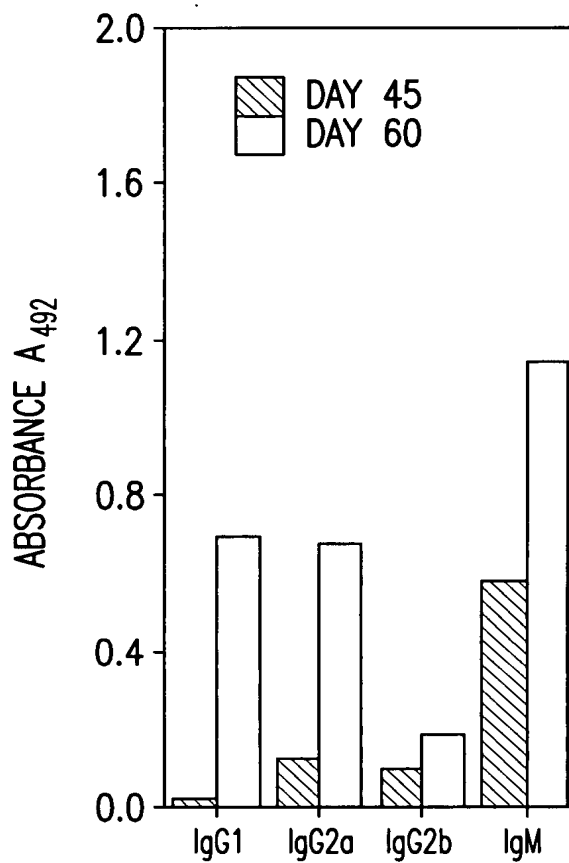


FIG. 12B

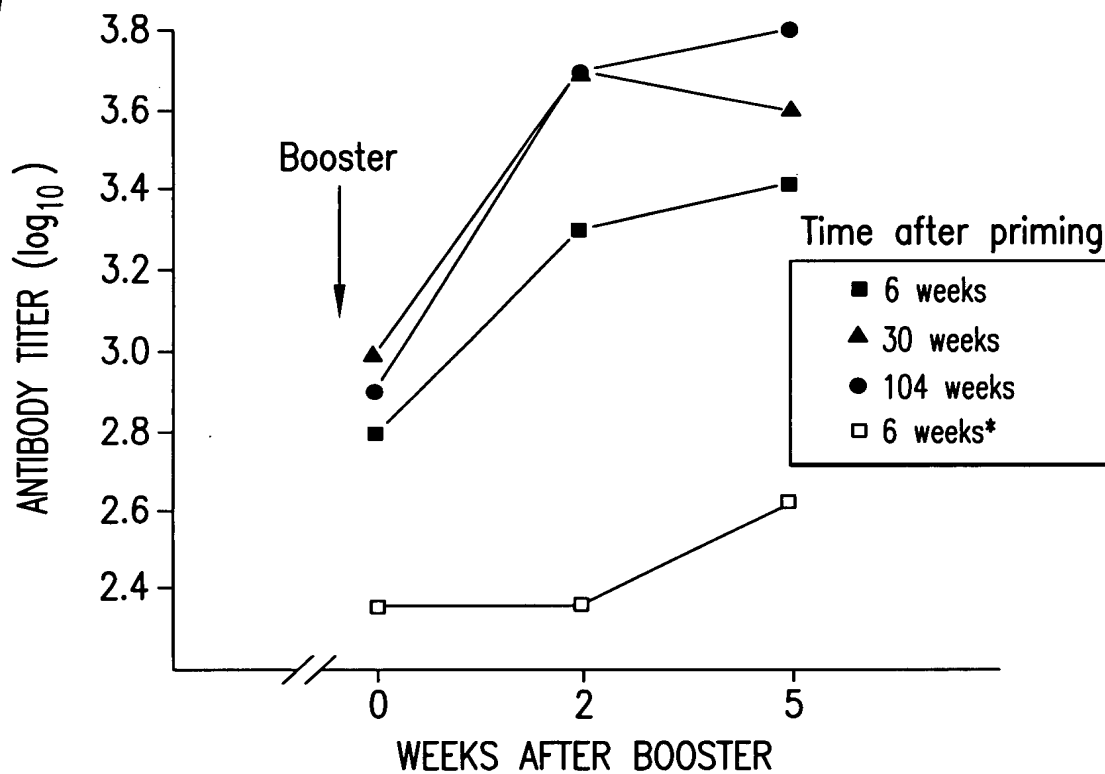


FIG.13

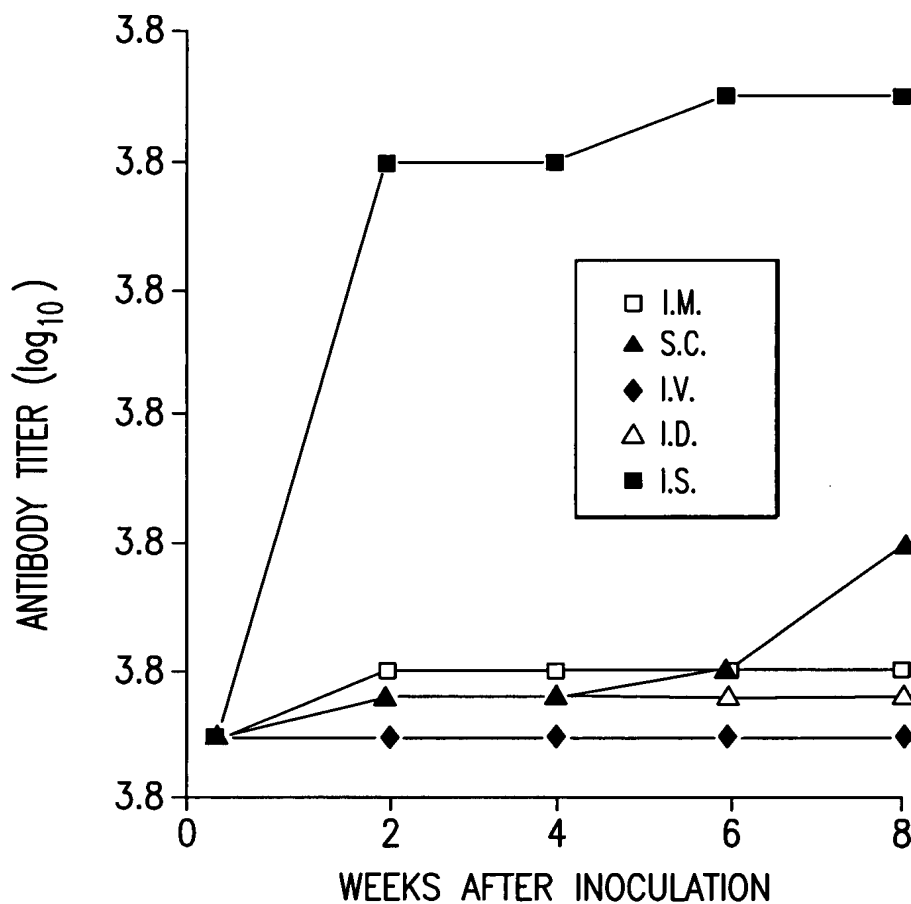


FIG.14



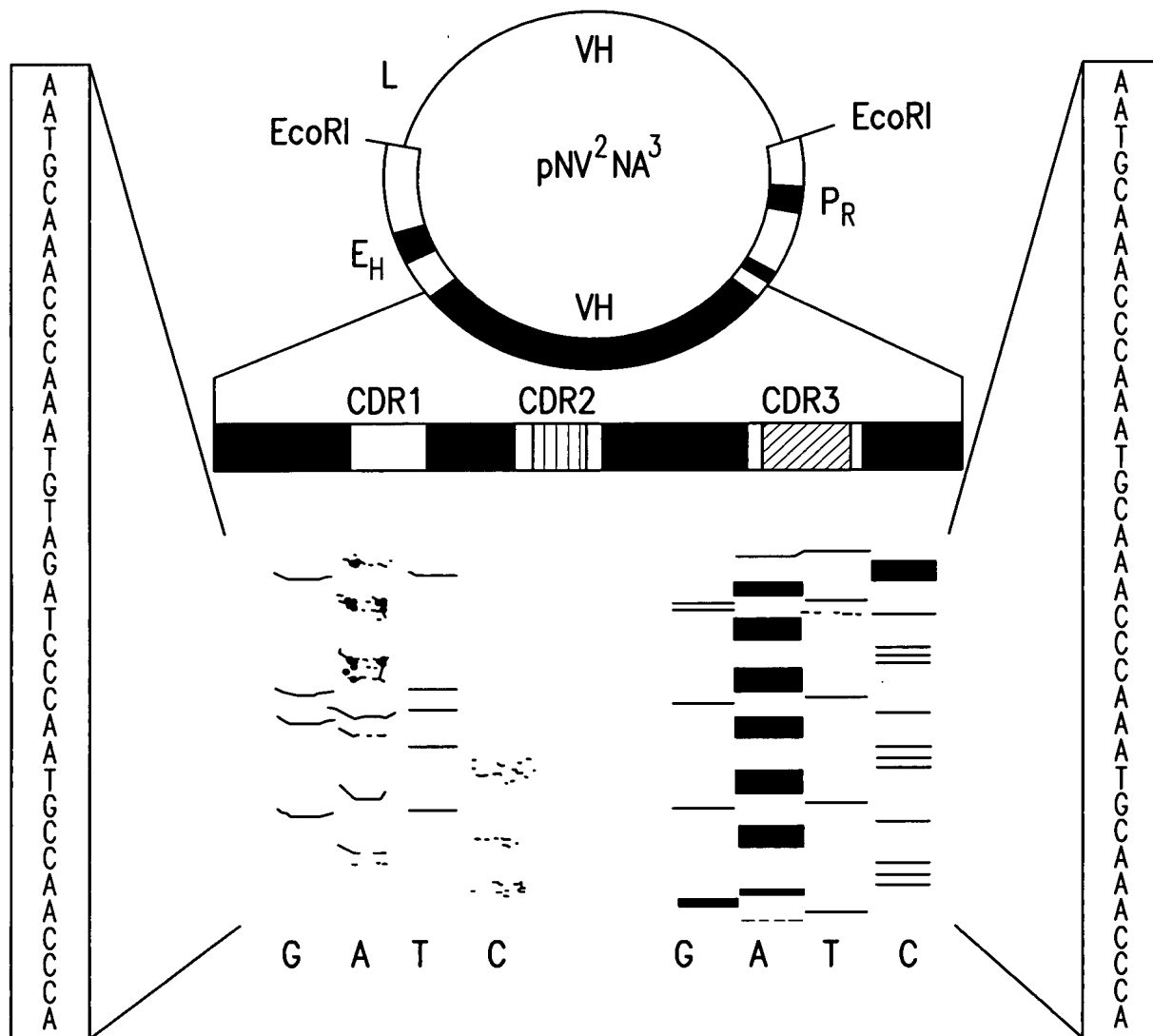


FIG.15A

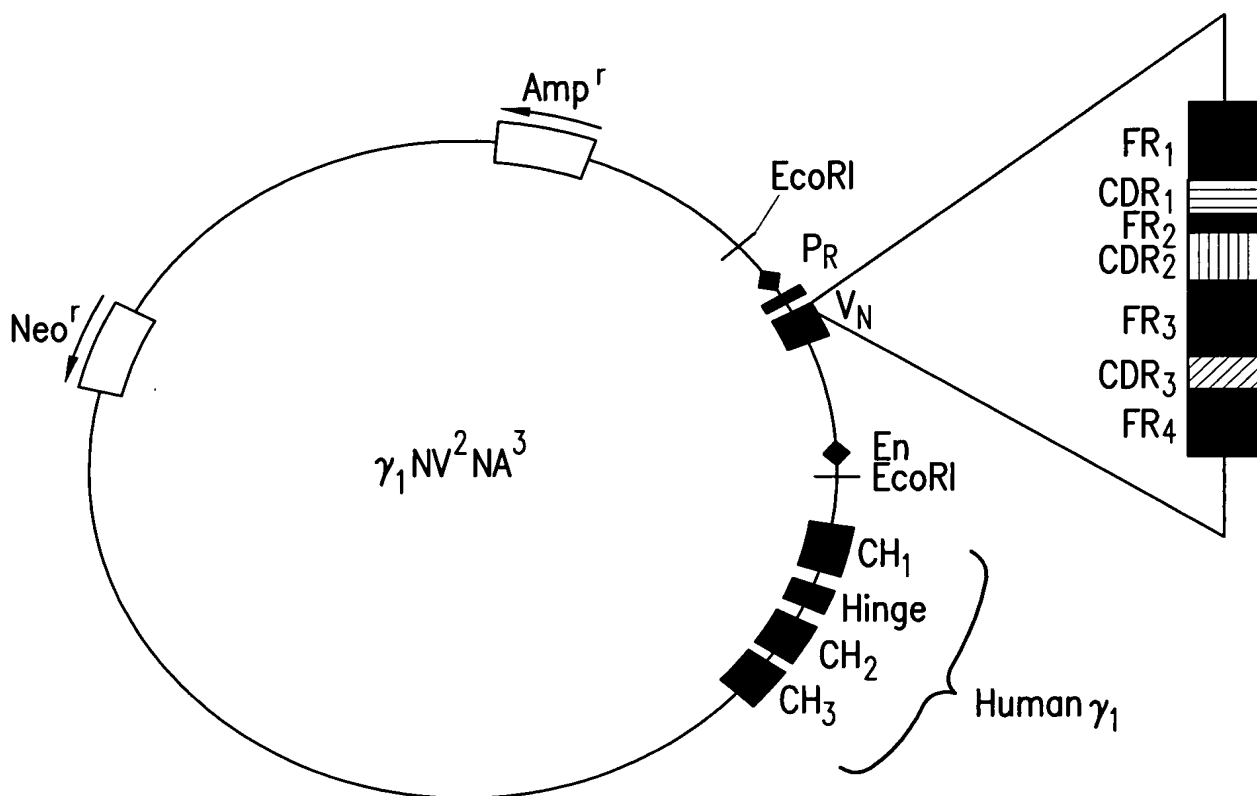


FIG.15B

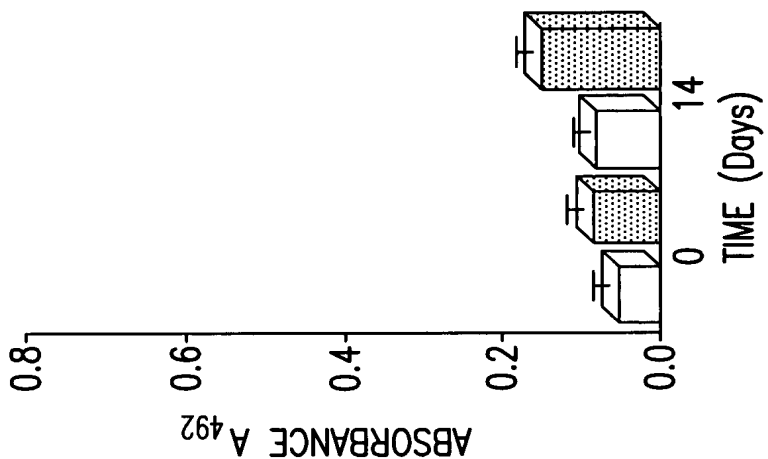


FIG. 16A

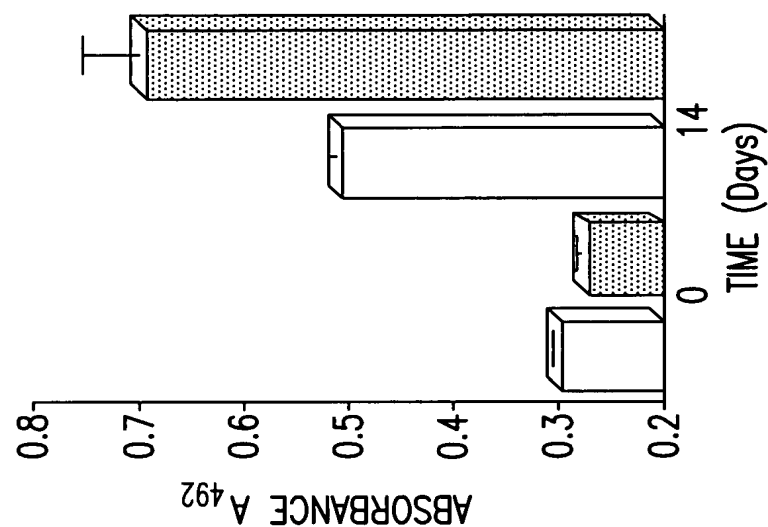


FIG. 16B

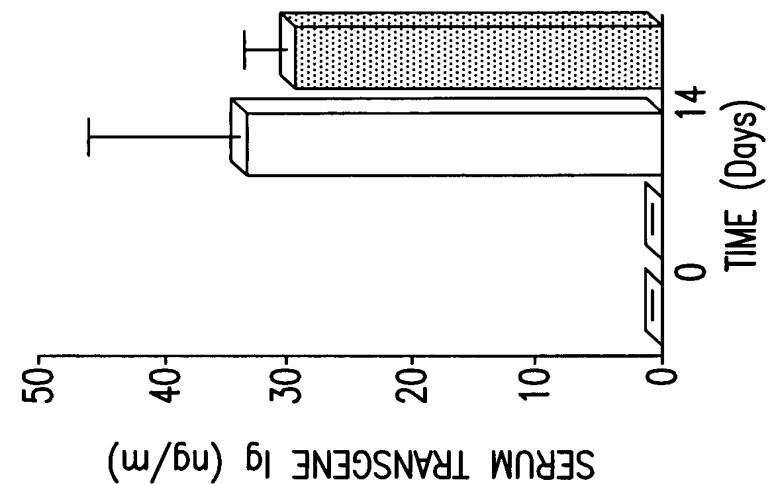


FIG. 16C

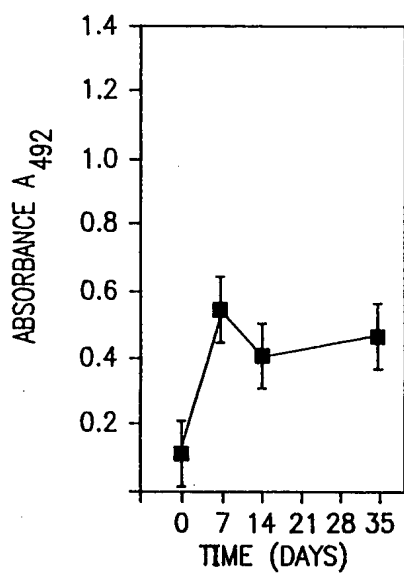


FIG. 17A

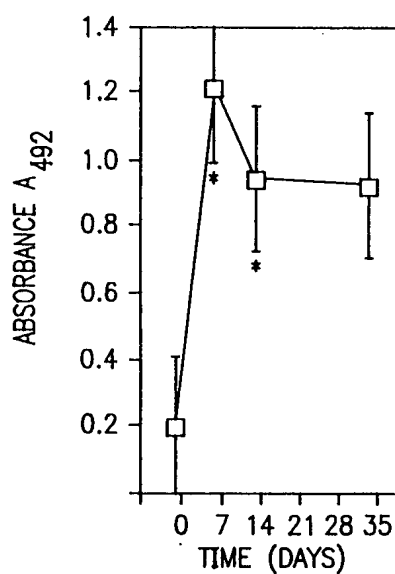


FIG. 17B

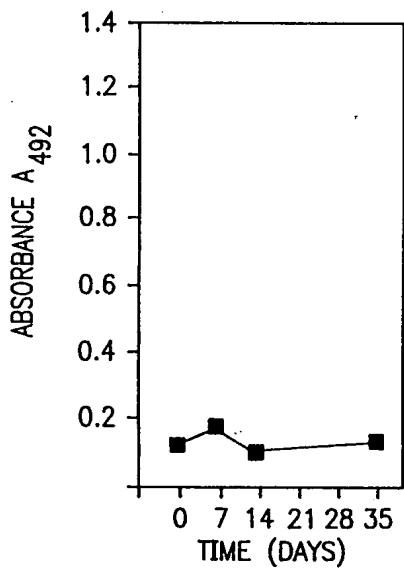


FIG. 17C

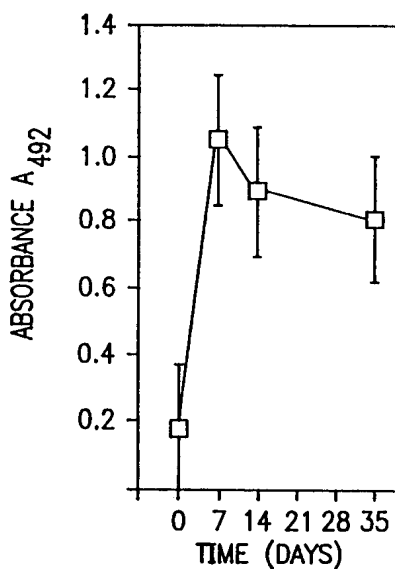


FIG. 17D

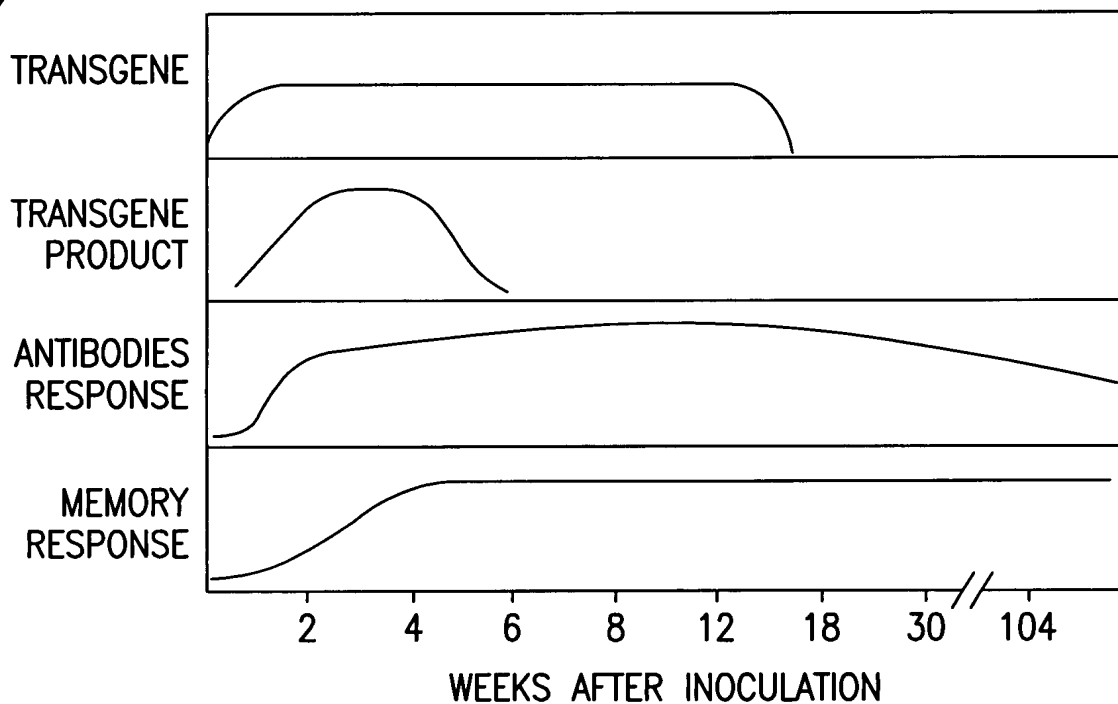


FIG.18

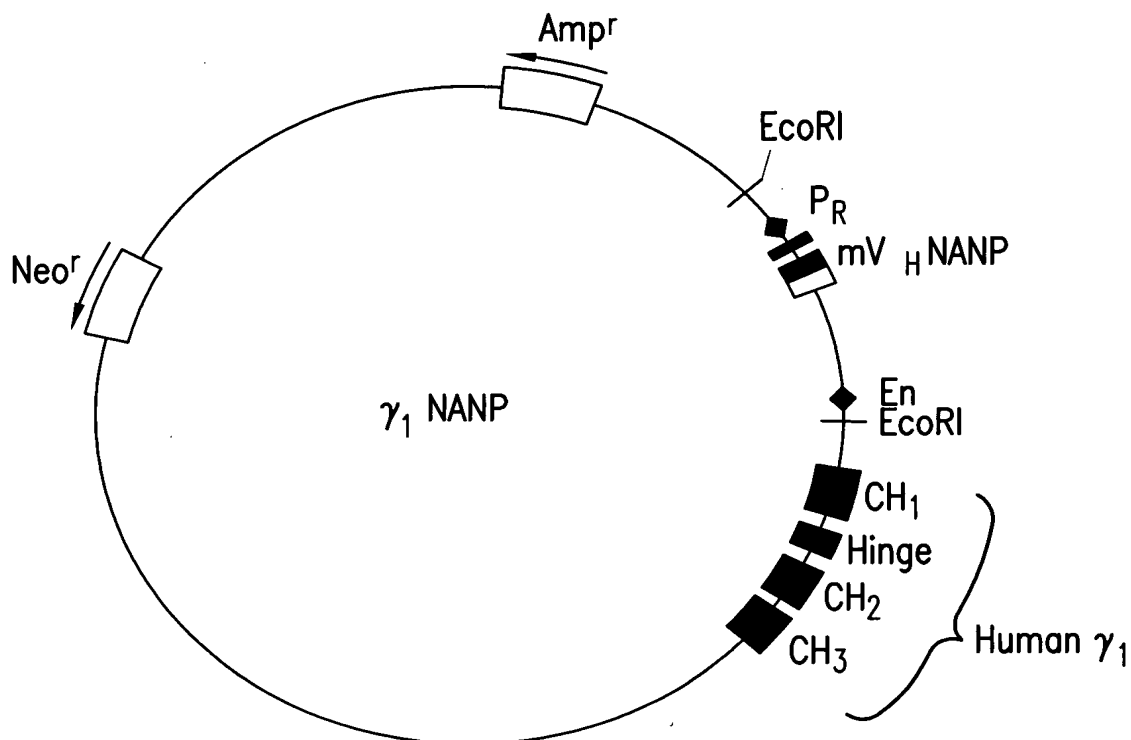


FIG.19A

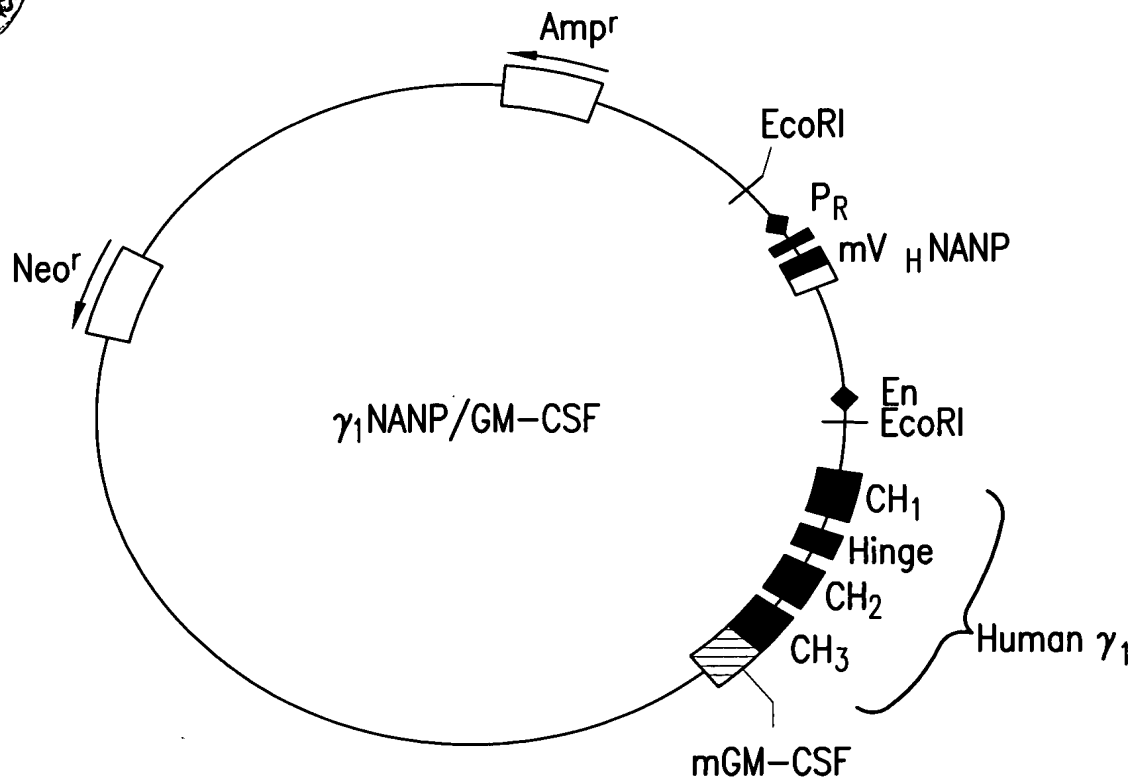


FIG.19B

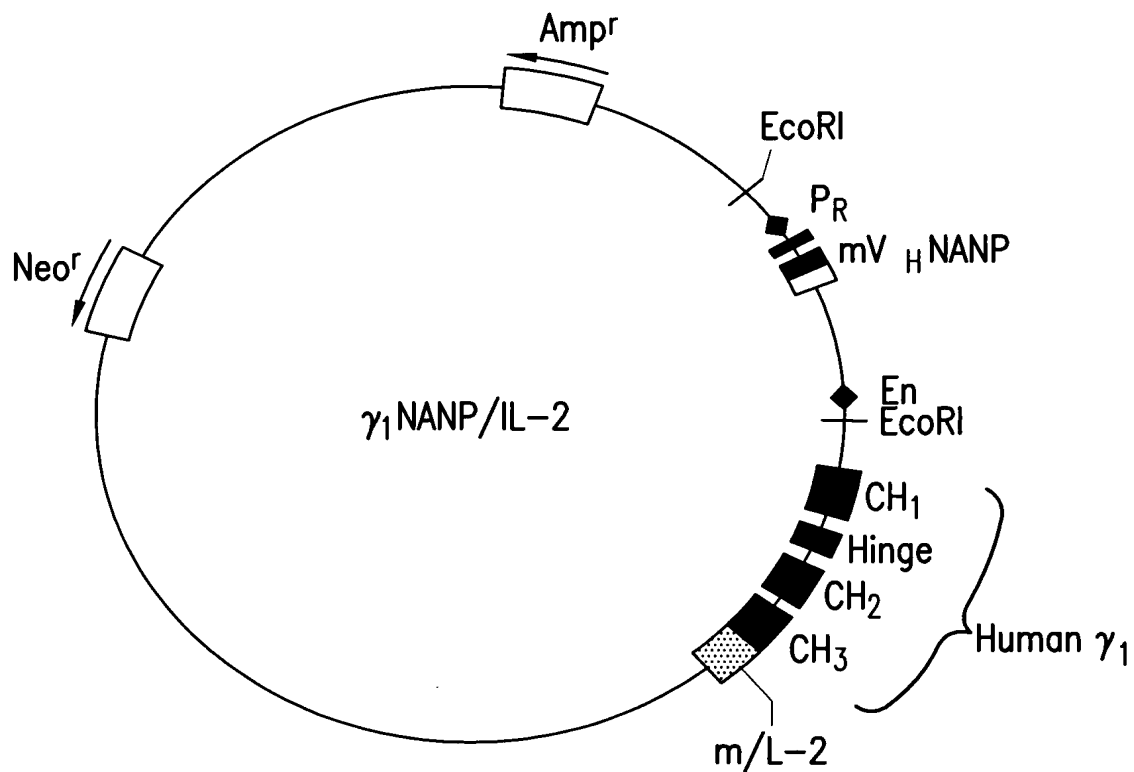


FIG.19C

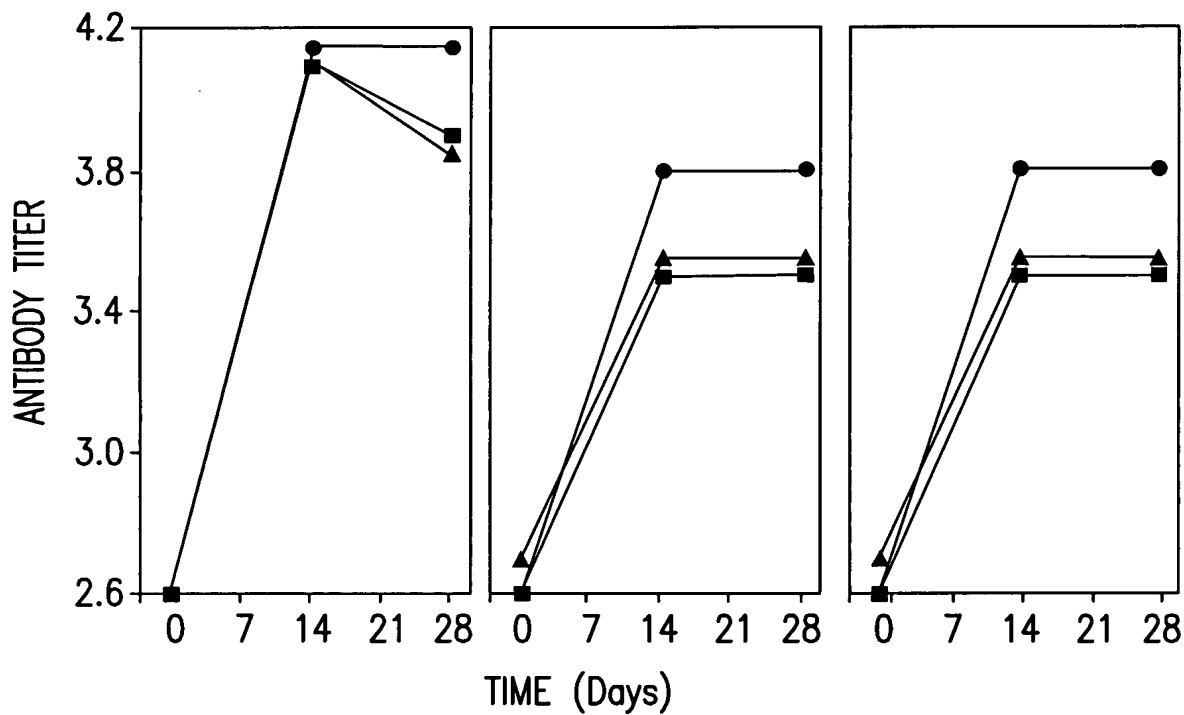


FIG. 20A

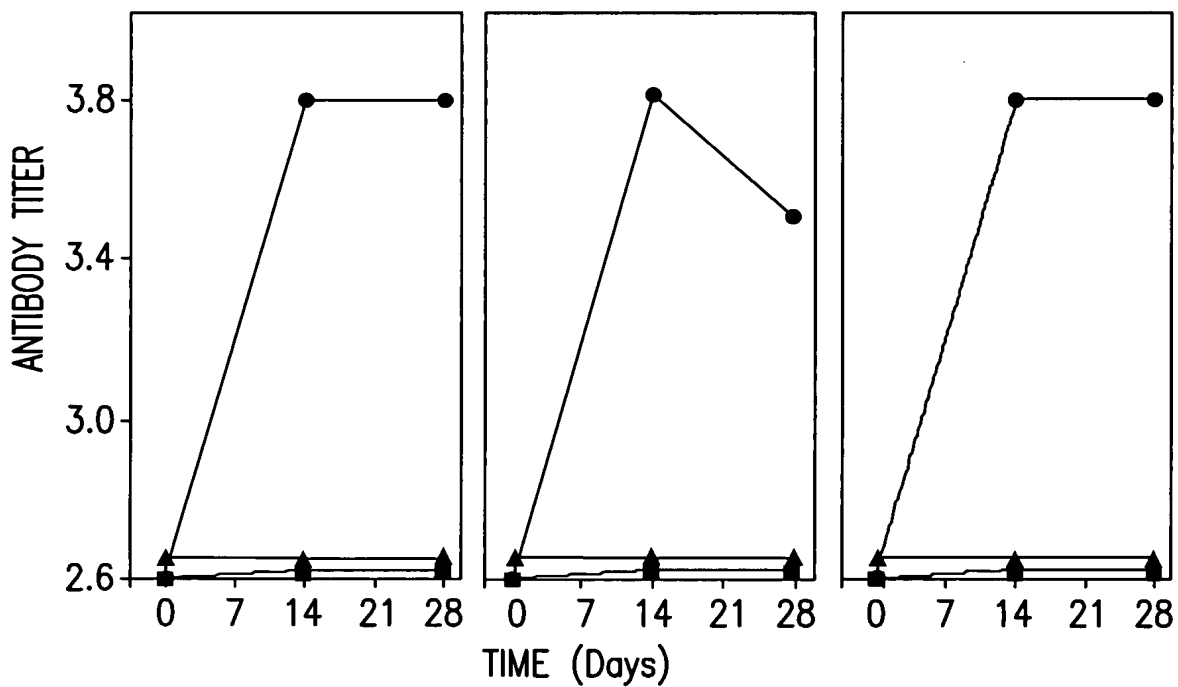
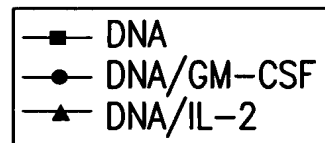


FIG. 20B

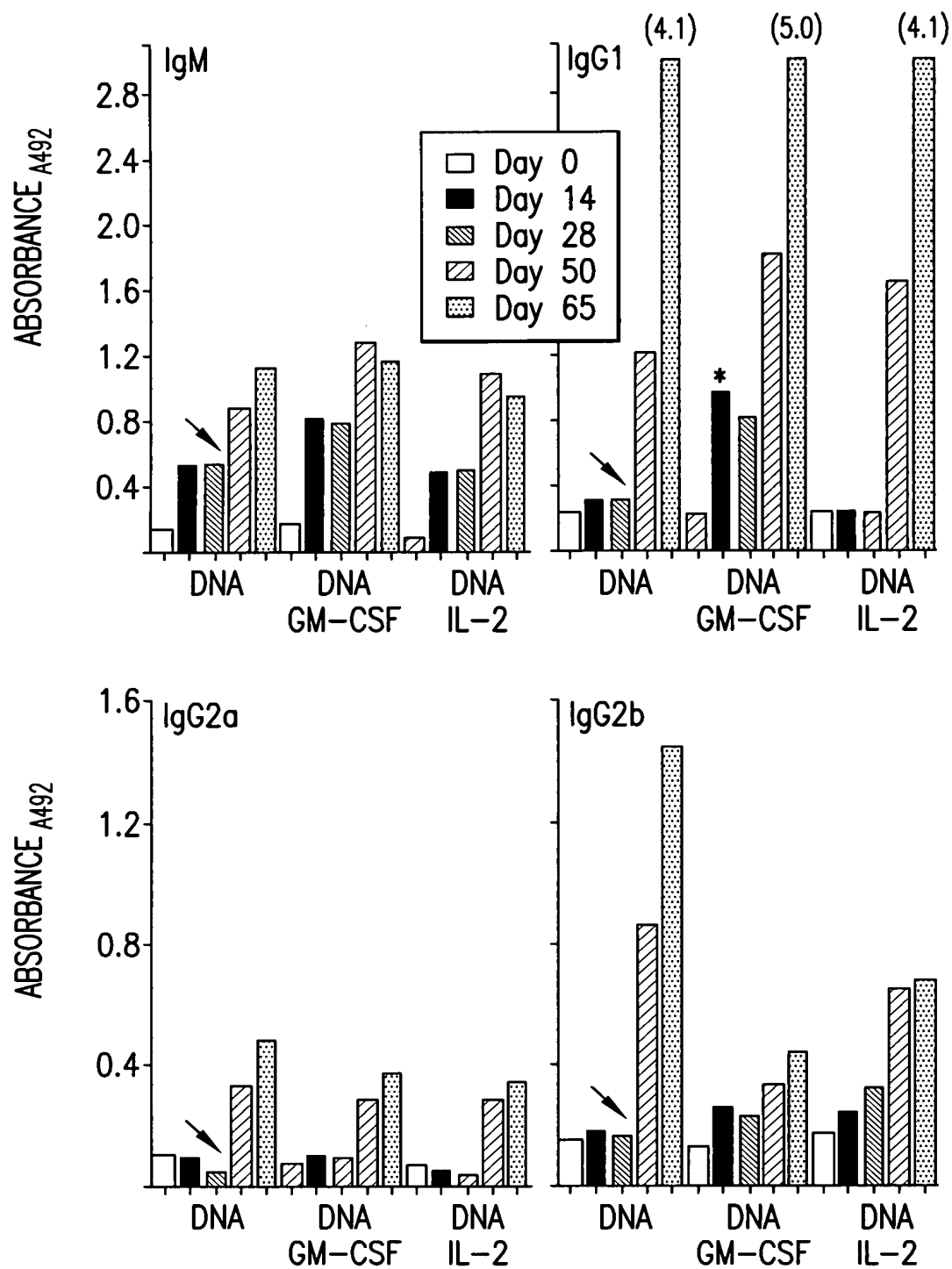


FIG.21



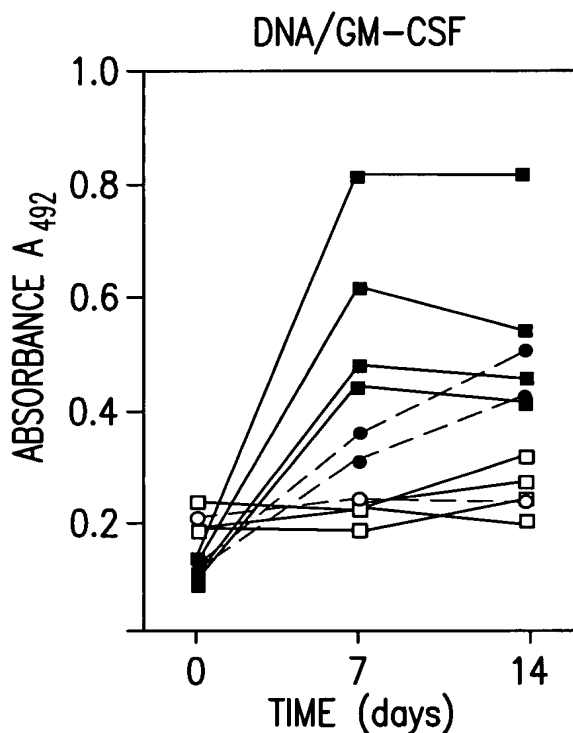
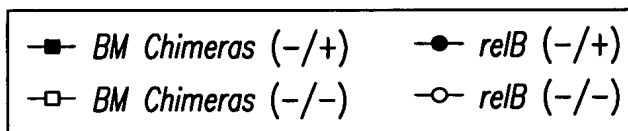


FIG.22A

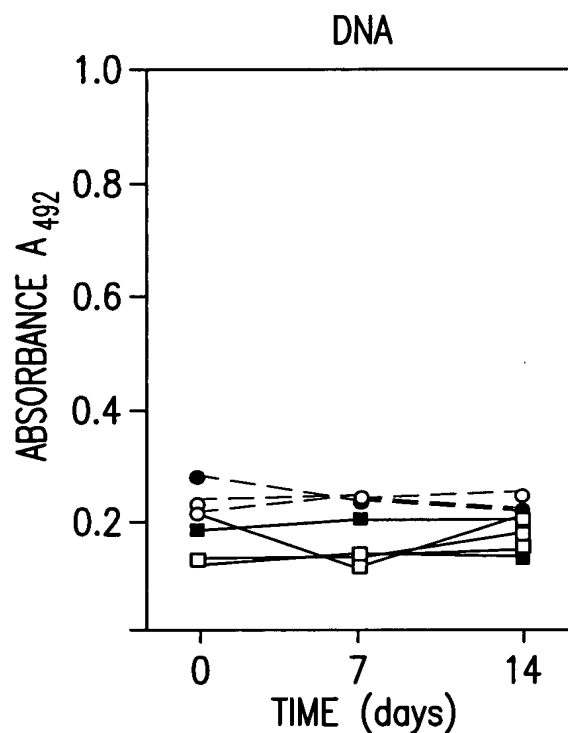


FIG.22B

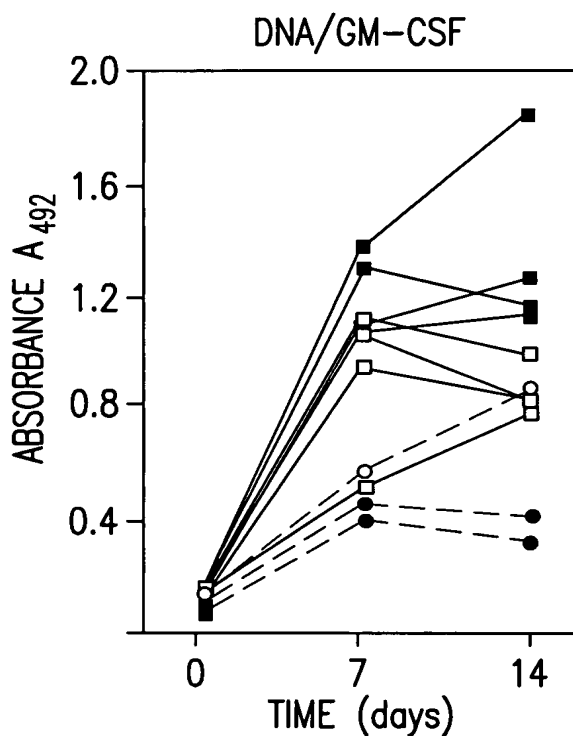


FIG.22C

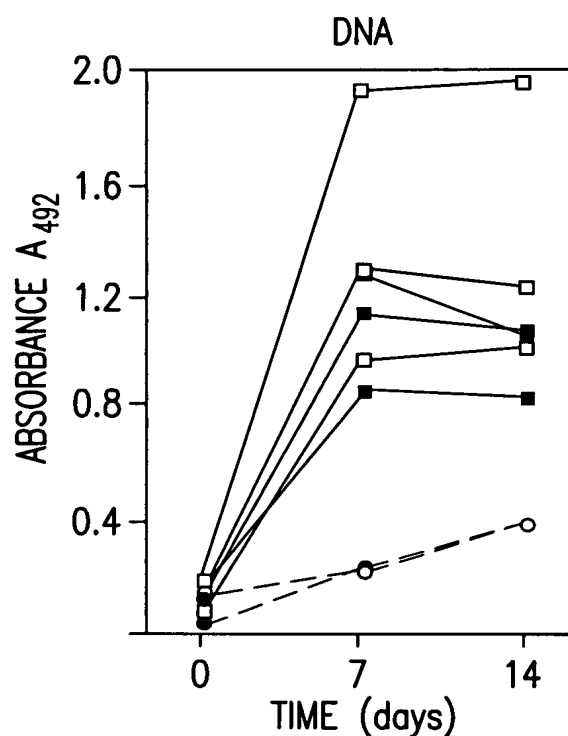


FIG.22D

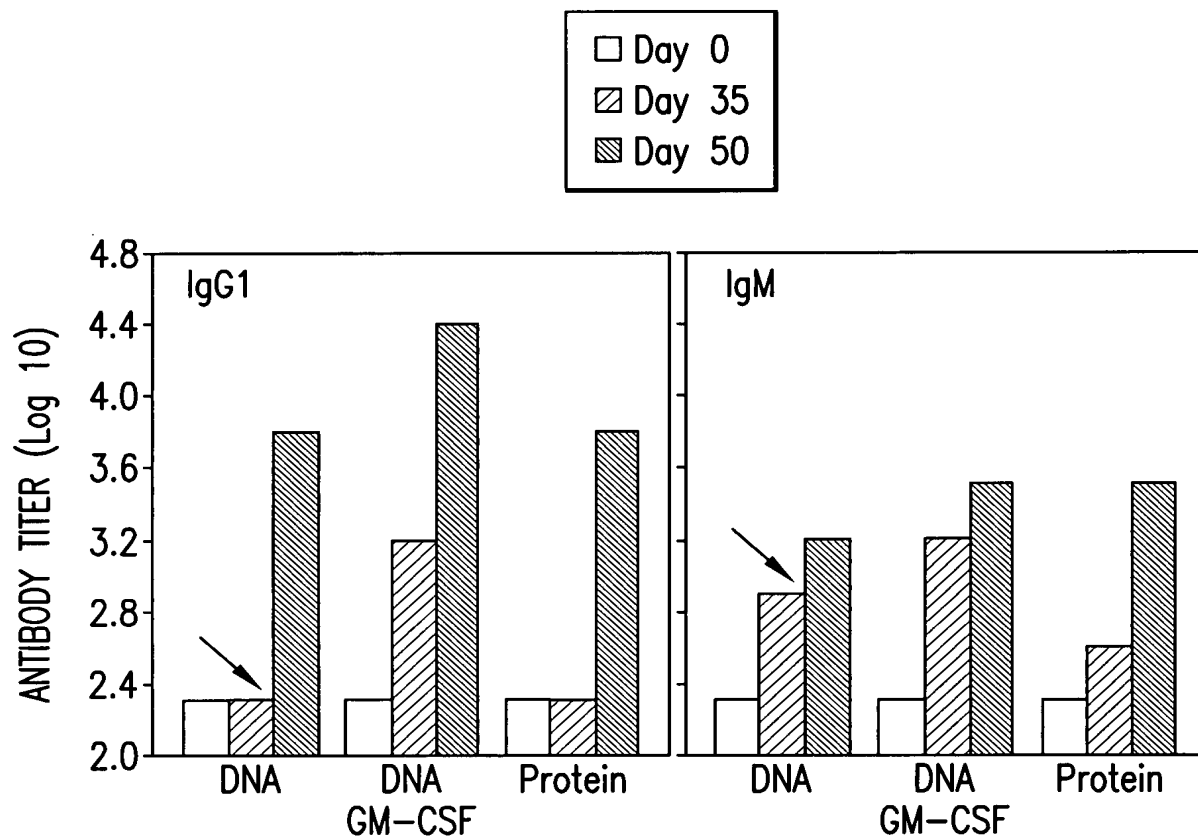


FIG.23

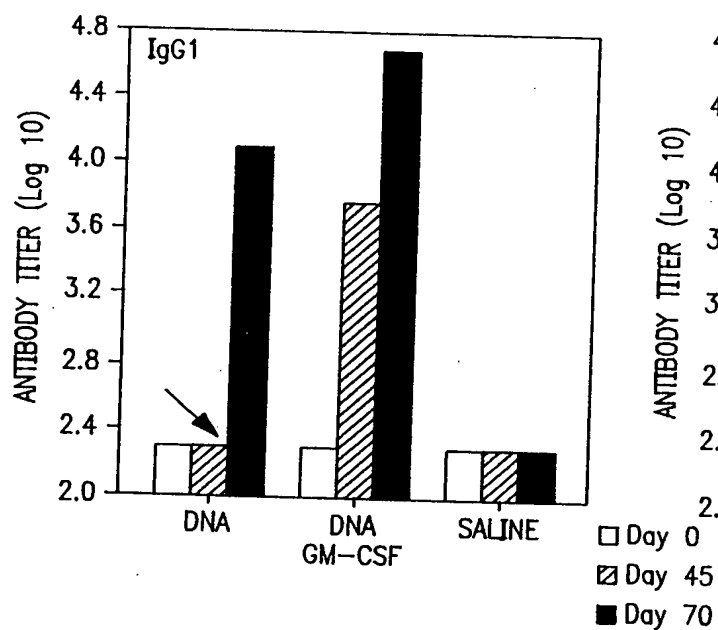


FIG. 24A

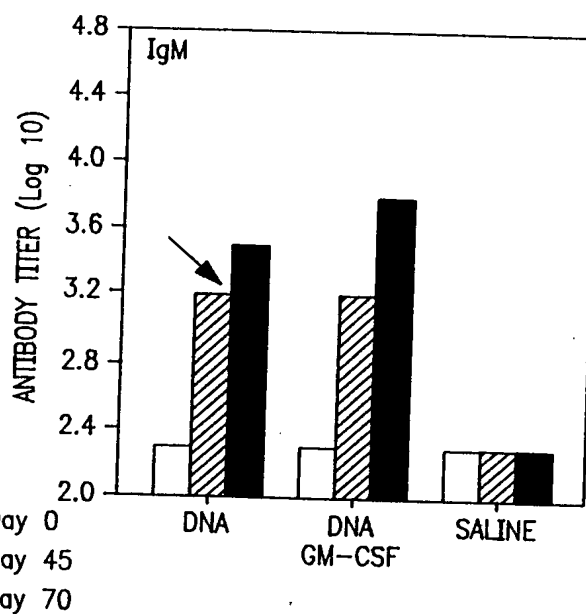


FIG. 24B

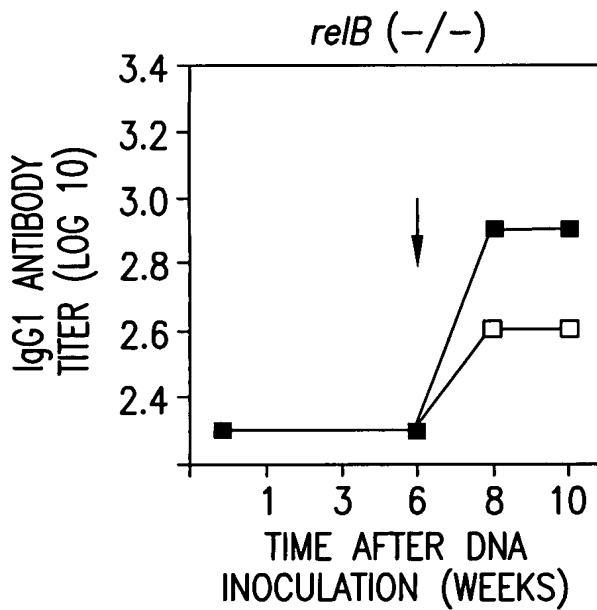
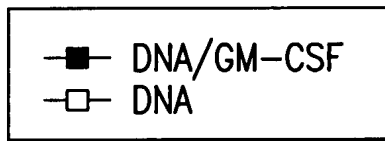


FIG.25A

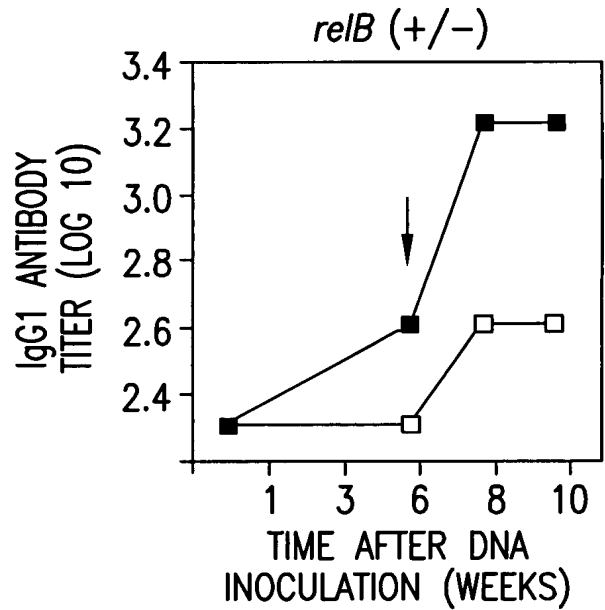


FIG.25B

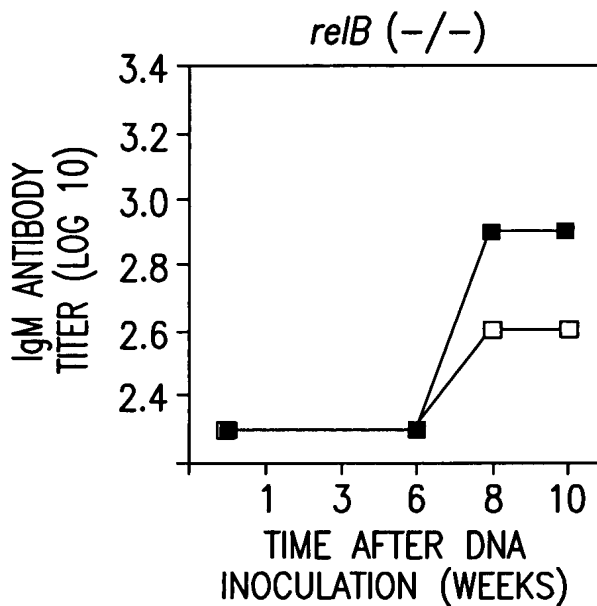


FIG.25C

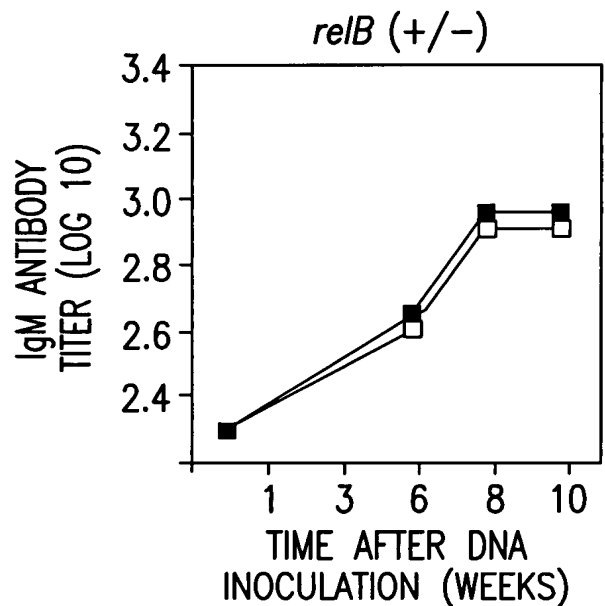


FIG.25D

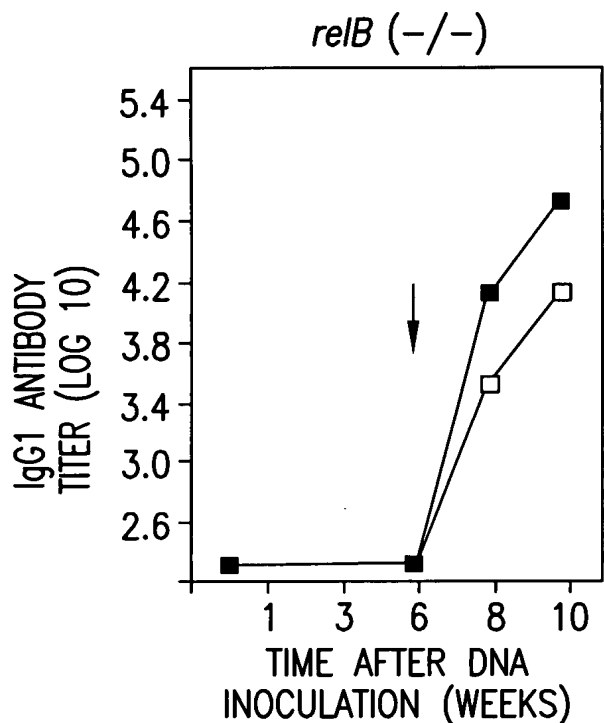
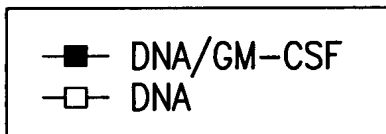


FIG.26A

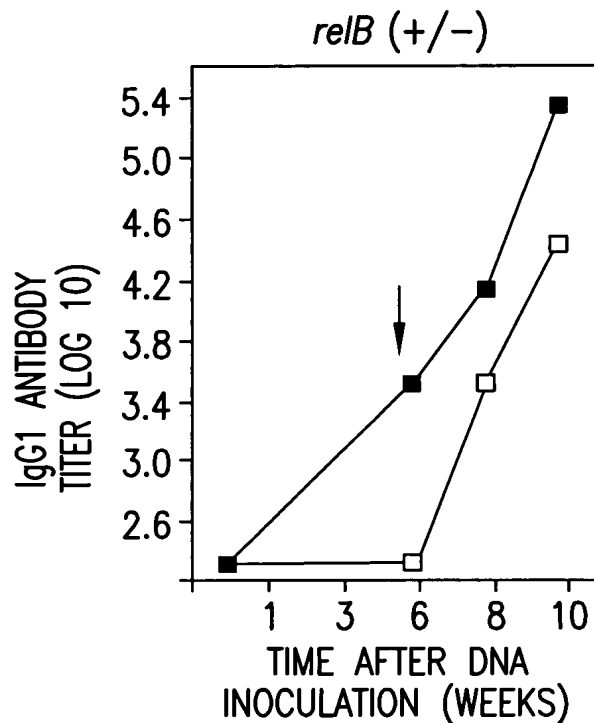


FIG.26B

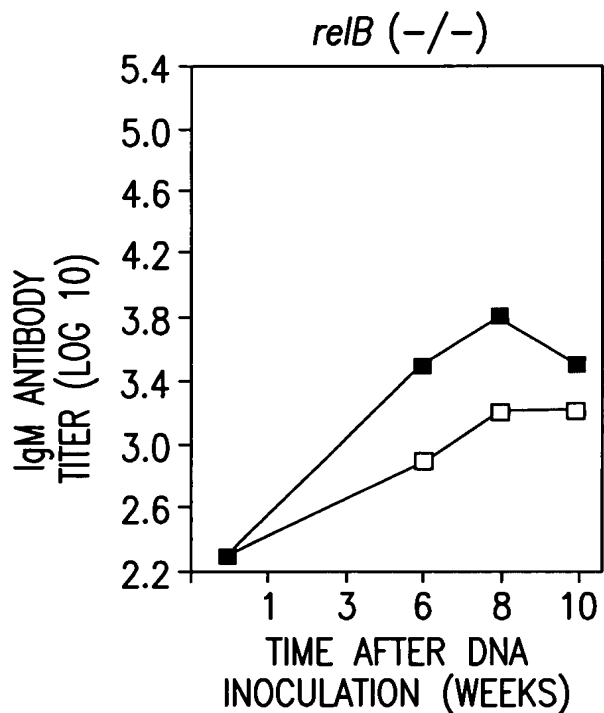


FIG.26C

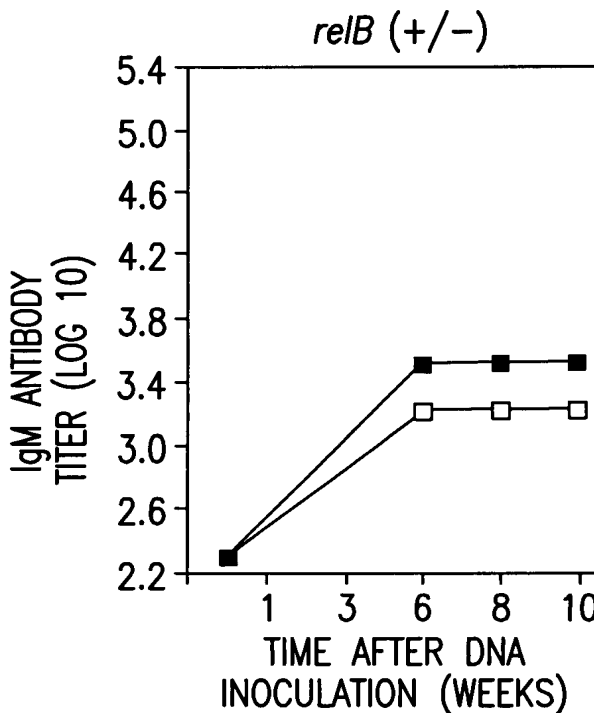


FIG.26D

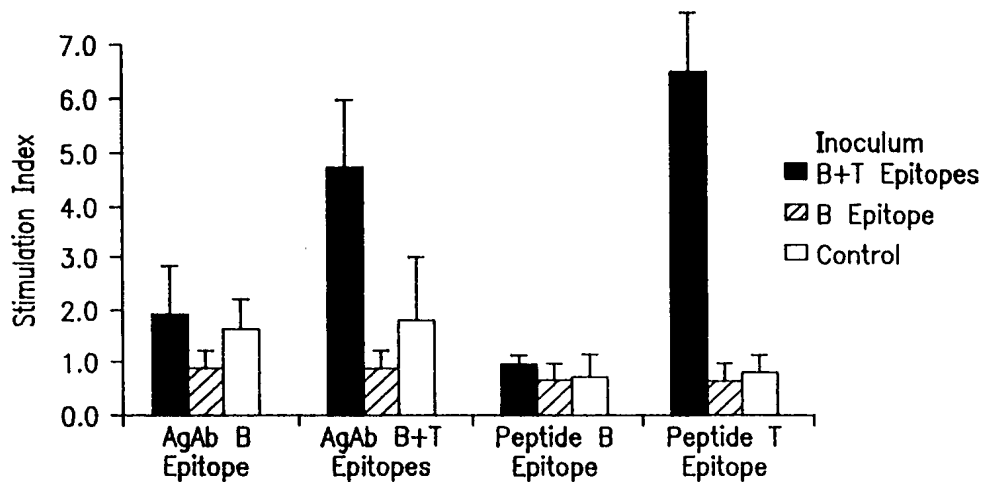


FIG. 27A

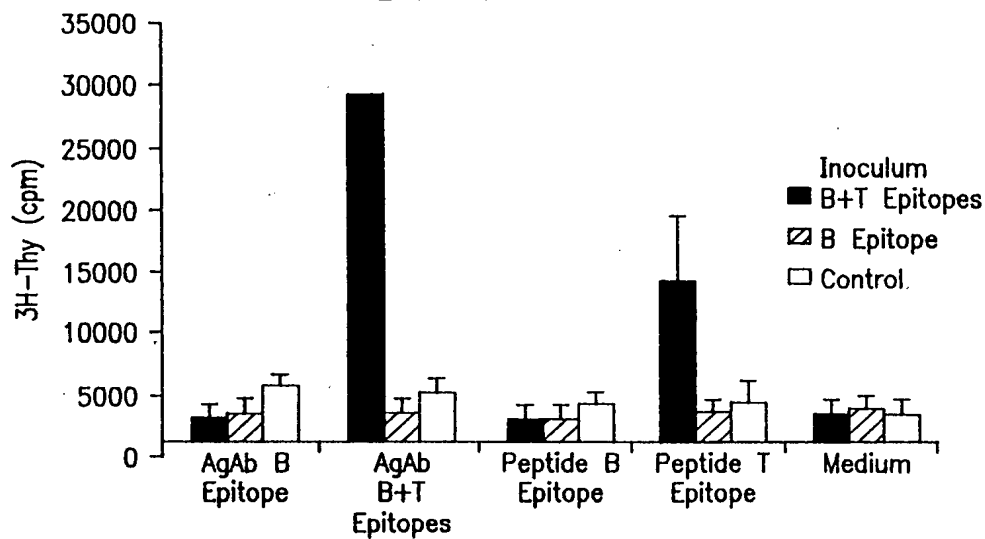


FIG. 27B

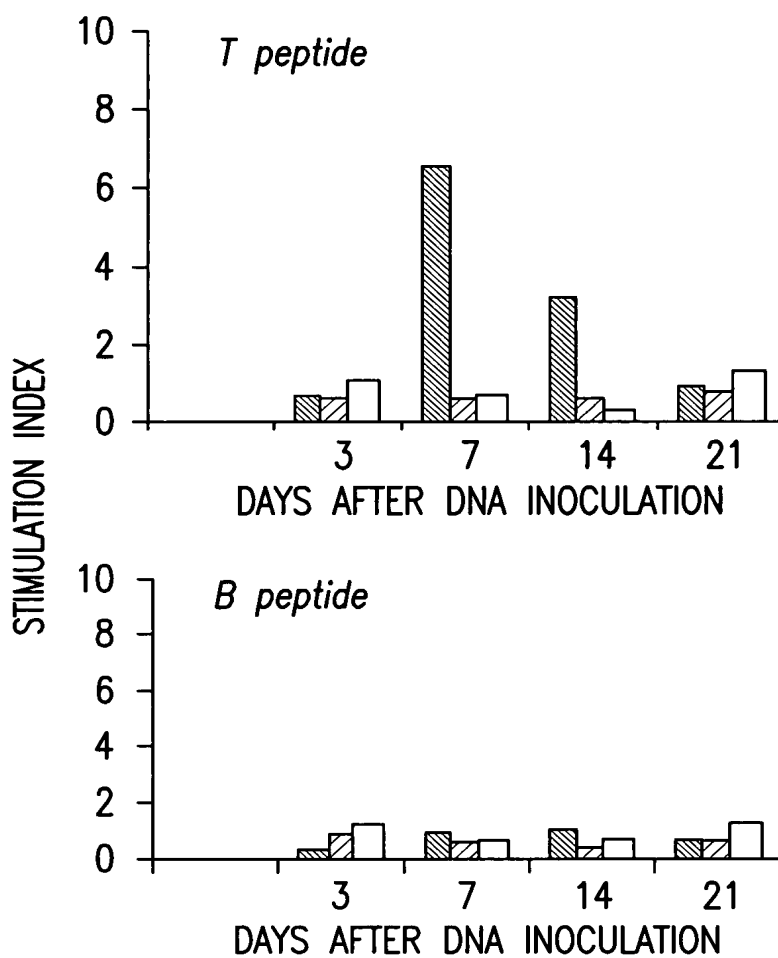


FIG.28

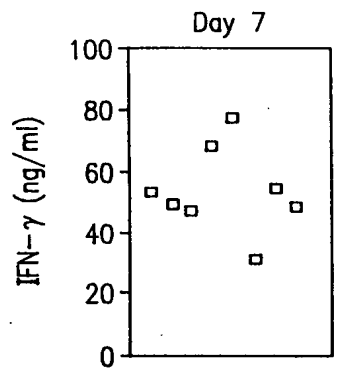


FIG. 29A

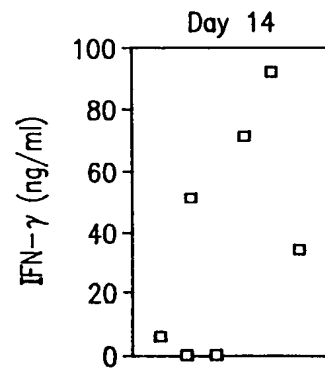


FIG. 29B

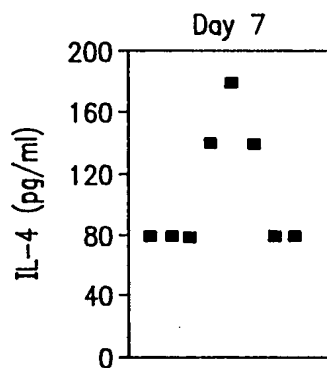


FIG. 29C

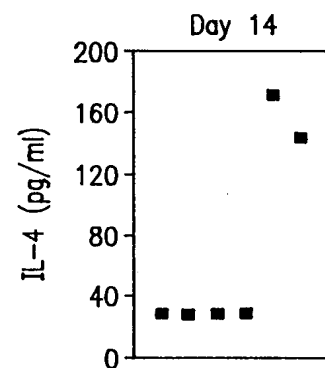


FIG. 29D



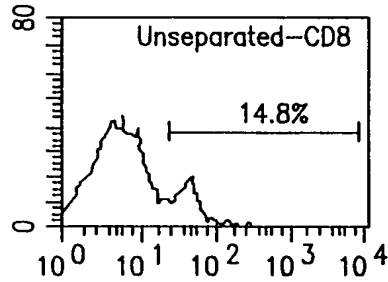


FIG. 30A

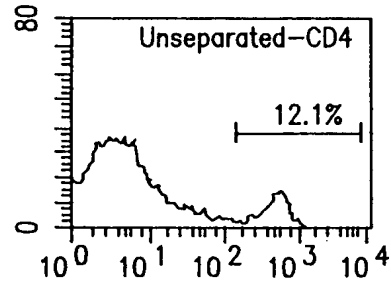


FIG. 30B

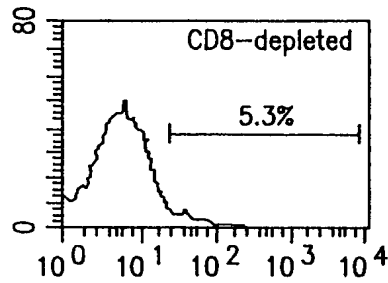


FIG. 30C

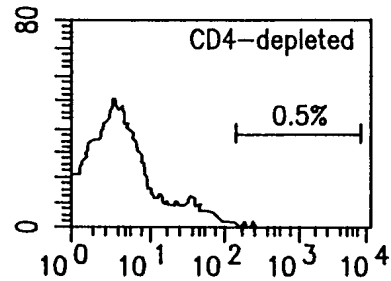


FIG. 30D

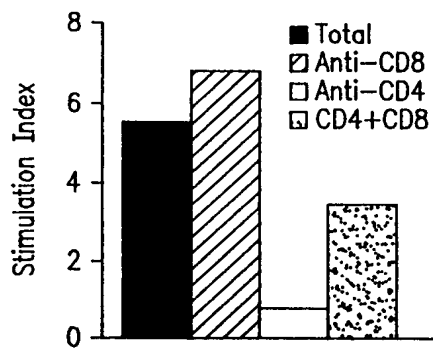


FIG. 30E

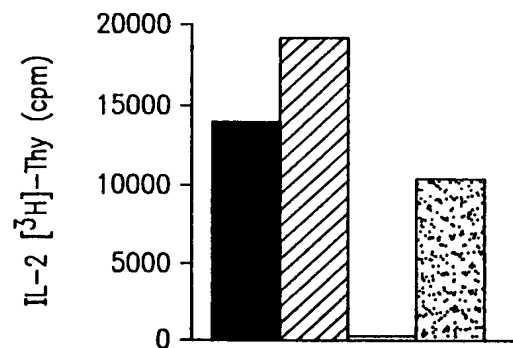


FIG. 30F

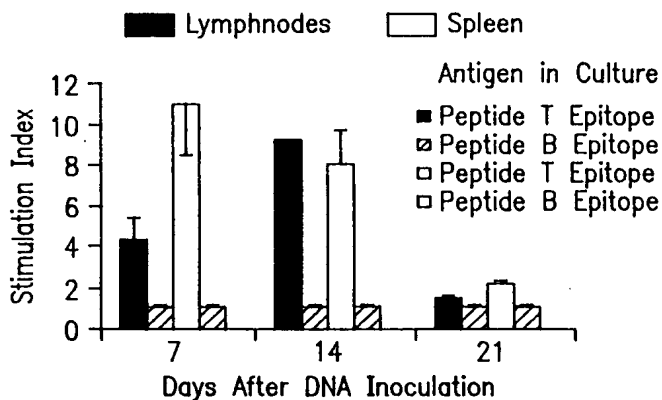


FIG. 31A

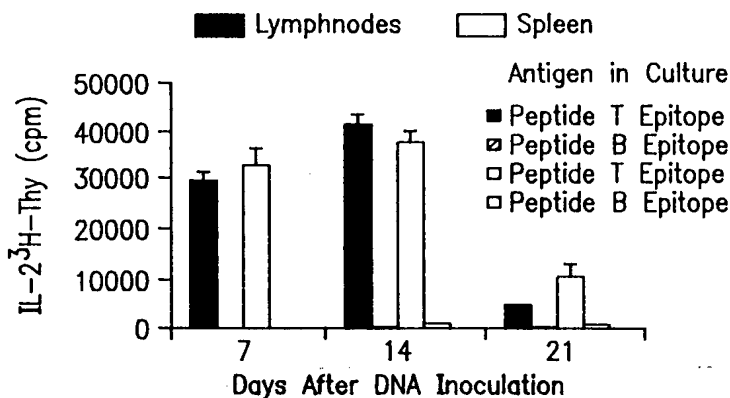


FIG. 31B

Circulating Transgenic Ig (ng/ml)		
Day 7	Day 14	Day 21
3.2±1.6	13.3±5	1.3±.7

FIG. 31C

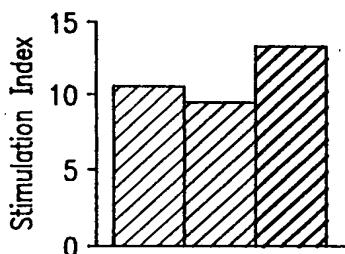


FIG. 31D

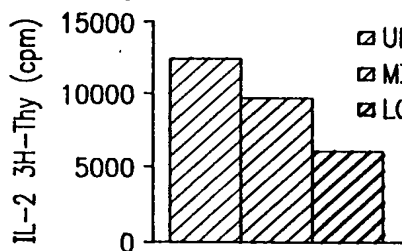


FIG. 31E

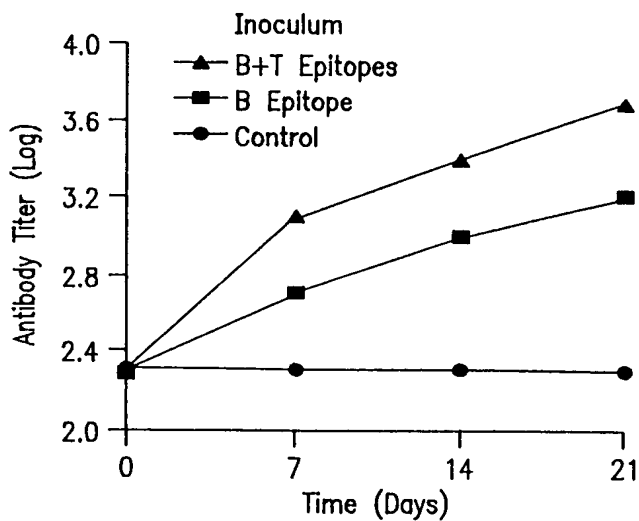


FIG. 32A

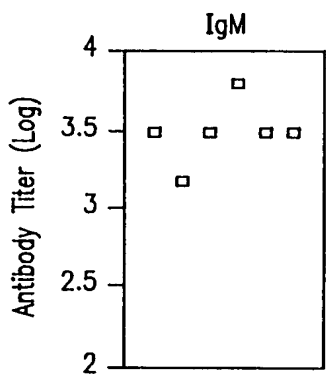


FIG. 32B

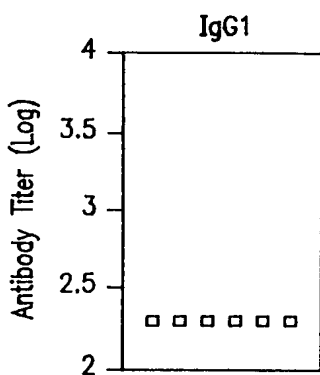


FIG. 32C

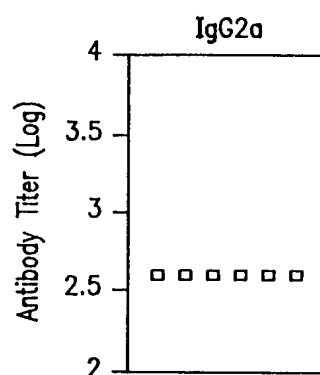


FIG. 32D

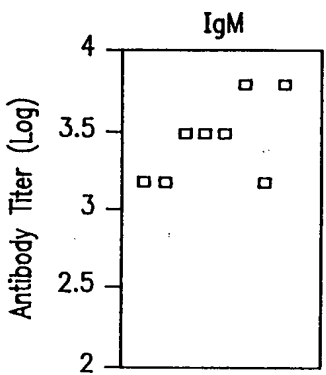


FIG. 32E

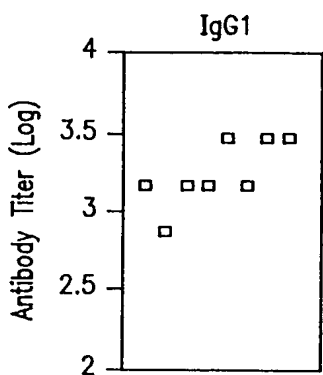


FIG. 32F

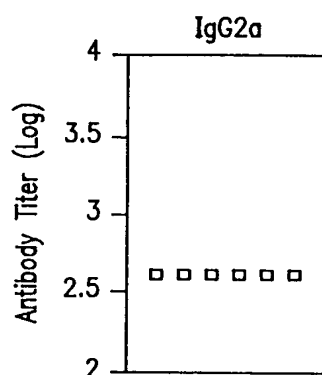


FIG. 32G

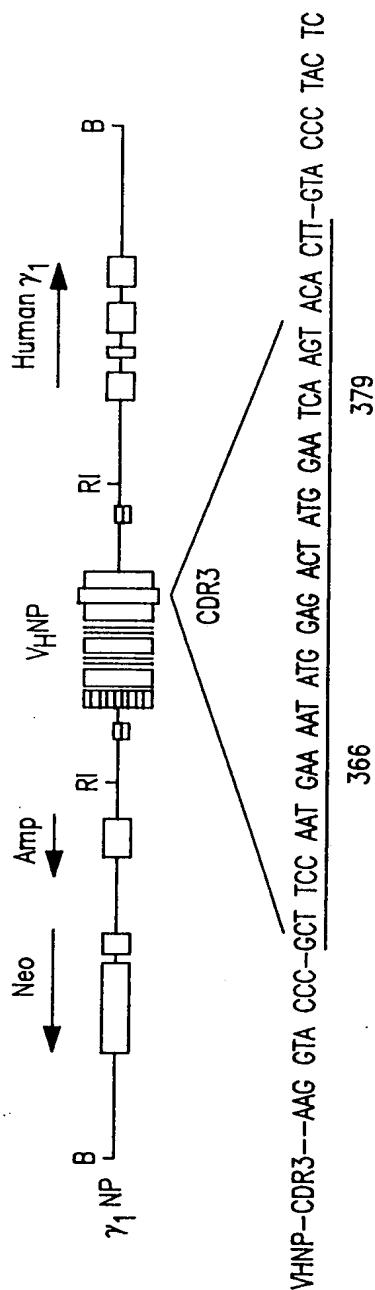


FIG. 33

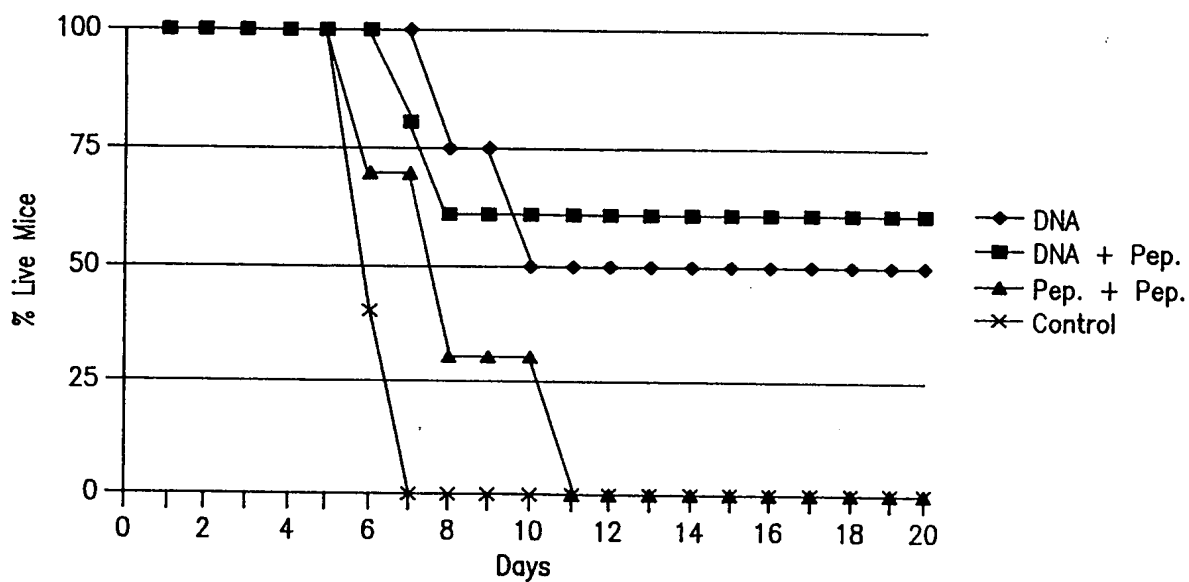
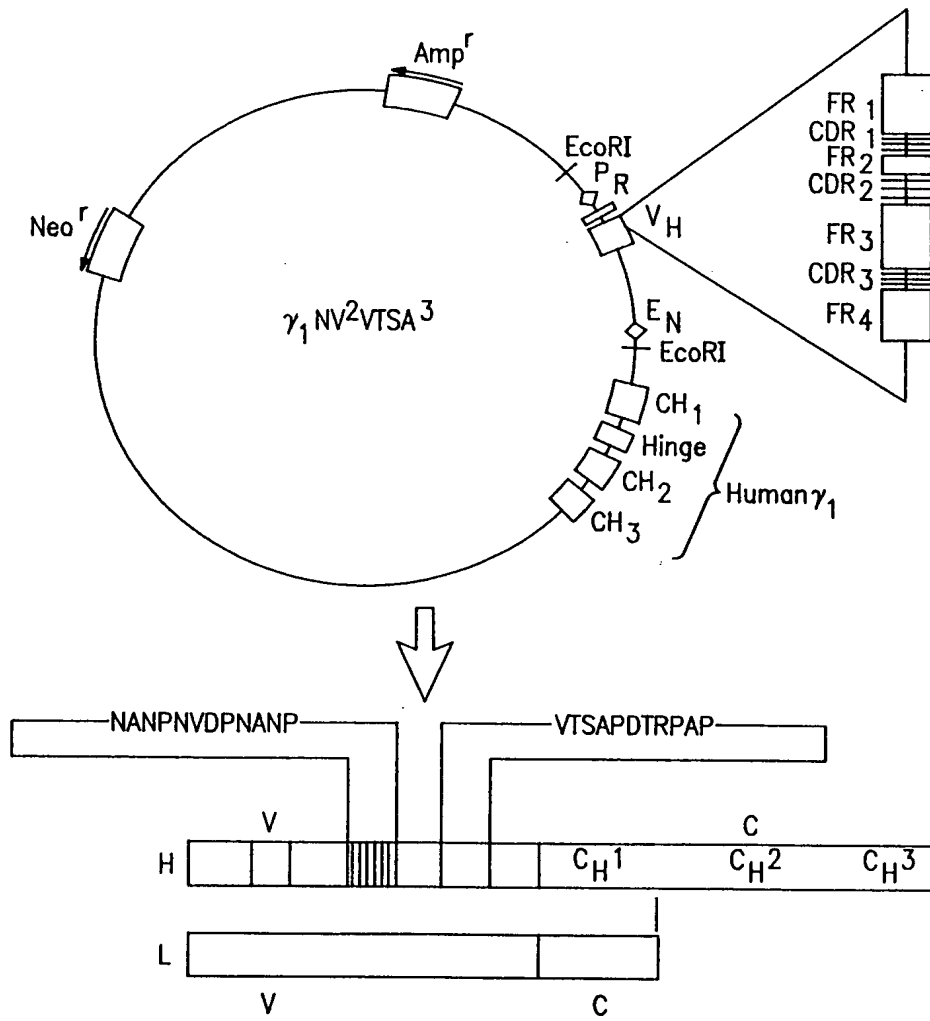
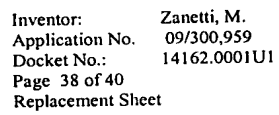


FIG. 34



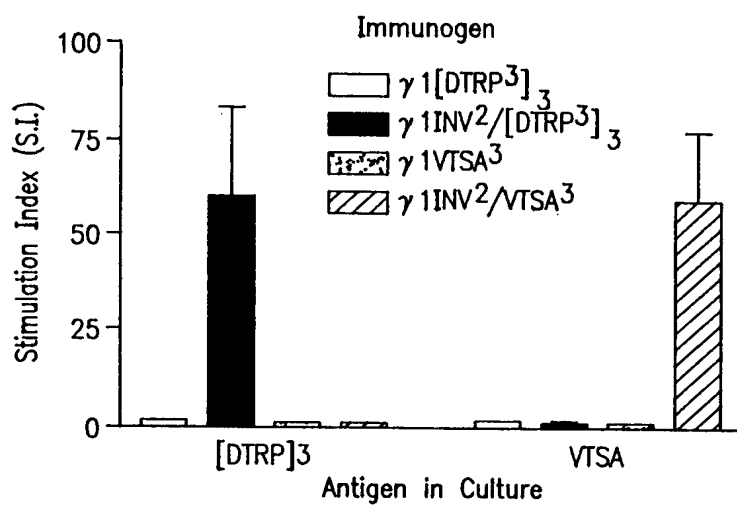


FIG. 36



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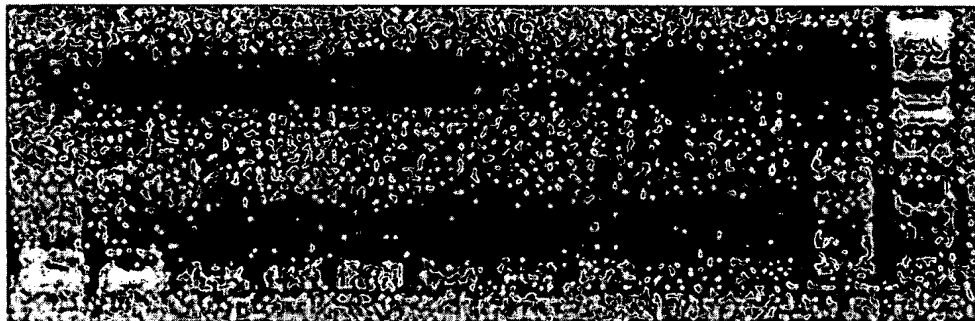


FIG. 37A

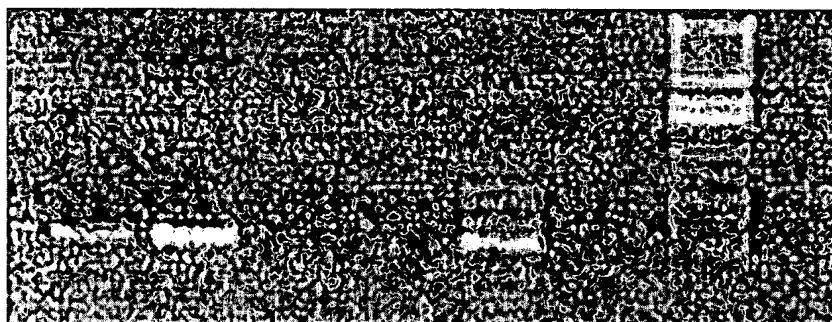


FIG. 37B